

# BI Analytics

*Ticket - Total number of reported, ended and remaining tickets per month*


*PM - Hours planned per month*

*PM - Number of planned occasions per month*

*PM - Lag between planned and completed per month*

Ticket - Total number of reported, ended and remaining tickets per month

## Data



 **Select data for analysis.**

Select Data

|   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> (All)                          | <input type="checkbox"/> Priority Color Identifier | <input type="checkbox"/> Actual Cost             | <input type="checkbox"/> Classification Identifier         |
| <input type="checkbox"/> Id                             | <input type="checkbox"/> Heading                   | <input checked="" type="checkbox"/> Reported     | <input type="checkbox"/> Project Identifier                |
| <input checked="" type="checkbox"/> Identifier          | <input type="checkbox"/> Description               | <input type="checkbox"/> Planned Start           | <input type="checkbox"/> Type Identifier                   |
| <input checked="" type="checkbox"/> Category Identifier | <input type="checkbox"/> Feedback                  | <input type="checkbox"/> Planned End             | <input type="checkbox"/> Must Start Before                 |
| <input type="checkbox"/> Status Identifier              | <input type="checkbox"/> Usergroup Identifier      | <input checked="" type="checkbox"/> Actual Start | <input type="checkbox"/> Must End Before                   |
| <input checked="" type="checkbox"/> Status Isactive     | <input checked="" type="checkbox"/> Estimated Time | <input checked="" type="checkbox"/> Actual End   | <input type="checkbox"/> Has Parent                        |
| <input type="checkbox"/> Priority Identifier            | <input checked="" type="checkbox"/> Estimated Cost | <input type="checkbox"/> Report Media            | <input type="checkbox"/> Parent Service Request Identifier |
| <input type="checkbox"/> Priority Sortorder             | <input type="checkbox"/> Actual Time               | <input type="checkbox"/> Sub Category Identifier | <input checked="" type="checkbox"/> Is Deleted             |

Select Data

## Filters

 **Filter rows by cell values.** 

- [Category Identifier] = Support
- [MonthsSinceToday] <= 11
- [Is Deleted] = False

## Formulas

**END**

**CASE**

```
WHEN [Service Request (*).Actual End] > 0 THEN 1  
ELSE 0
```

**END**

**REPORT**

**CASE**

```
WHEN [Service Request (*).Reported] > 0 THEN 1  
ELSE 0
```

**END**

## Nya Ärende

```
SUM([Formula Columns.REPORT]) over(  
partition BY YEAR([Service Request (*).Reported]),  
MONTH([Service Request (*).Reported]),  
[Service Request (*).Category Identifier],
```

```
[Service Request (*).Is Deleted]
)
```

#### **SUM END**

```
SUM([Formula Columns.END]) over(
  partition BY YEAR([Service Request (*).Actual End]),
  MONTH([Service Request (*).Actual End]),
  [Service Request (*).Category Identifier],
  [Service Request (*).Is Deleted]
)
```

#### **Avslutade Ärende**

```
CASE
  WHEN year([Service Request (*).Reported]) = year(getdate())
  AND month(getdate()) = month([Service Request (*).Reported]) THEN COUNT([Service Request
(*)].Actual End]) over (
  partition by year([Formula Columns.End Y/M]),
  month([Formula Columns.End Y/M]),
  [Service Request (*).Is Deleted],
  [Service Request (*).Category Identifier]
  )
  WHEN year([Service Request (*).Reported]) = year([Service Request (*).Actual End])
  AND month([Service Request (*).Reported]) = month([Service Request (*).Actual End]) THEN
[Formula Columns.SUM END]
  ELSE 0
END
```

#### **Report Y/M**

```
DATEADD(
  MONTH,
  DATEDIFF(MONTH, 0, [Service Request (*).Reported]),
  0
)
```

#### **End Y/M**

```
CASE
  WHEN year([Service Request (*).Reported]) = year(getdate())
  AND month([Service Request (*).Reported]) = month(getdate()) THEN DATEADD(
  MONTH,
  DATEDIFF(MONTH, 0, [Service Request (*).Reported]),
  0
  )
  ELSE DATEADD(
  MONTH,
  DATEDIFF(MONTH, 0, [Service Request (*).Actual End]),
  0
  )
END
```

#### **Count Reported**

```
COUNT([Service Request (*).Reported]) over(
  partition BY [Service Request (*).Category Identifier],
```

```

[Service Request (*).Is Deleted]
ORDER BY DATEADD(
    MONTH,
    DATEDIFF(MONTH, 0, [Service Request (*).Reported]),
    0
)
)
)

```

### Count End

```

CASE
    WHEN month([Service Request (*).Reported]) = month(getdate())
    AND year([Service Request (*).Reported]) = year(getdate()) THEN COUNT([Service Request
(*) .Actual End]) over(
    partition BY [Service Request (*).Category Identifier],
    [Service Request (*).Is Deleted]
    )
    ELSE COUNT([Service Request (*).Actual End]) over(
    partition BY [Service Request (*).Category Identifier],
    [Service Request (*).Is Deleted]
    ORDER BY DATEADD(
        MONTH,
        DATEDIFF(MONTH, 0, [Service Request (*).Actual End]),
        0
    )
    )
)
End

```

### Överskjutande Ärende

```

CASE
    WHEN month([Service Request (*).Reported]) = month(getdate())
    AND year([Service Request (*).Reported]) = year(getdate()) THEN [Formula Columns.Count
Reported] - [Formula Columns.Count End]
    WHEN DATEDIFF(
        month,
        [Formula Columns.Report Y/M],
        [Formula Columns.End Y/M]
    ) = 0 THEN [Formula Columns.Count Reported] - [Formula Columns.Count End]
    ELSE 0
END

```

## Table Results

| Identifier | Category Identifier | Reported            | Report Y/M                | REPORT | Nya Ärende | Actual End          | End Y/M                   | END | SUM END | Avslutade Ärende | Count Reported | Count End | Överskjutande Ärende | MonthsSinceToday |
|------------|---------------------|---------------------|---------------------------|--------|------------|---------------------|---------------------------|-----|---------|------------------|----------------|-----------|----------------------|------------------|
| 300        | Support             | 2022-11-16 14:49:00 | 2022-11-01T00:00:00+01:00 | 1      | 54         | 2022-11-16 21:45:58 | 2022-11-01T00:00:00+01:00 | 1   | 46      | 46               | 989            | 906       | 83                   | 0                |

## Chart Results

## Maximum of Nya Ärende by Reported Month ⚙️ 🗄️ 🗑️

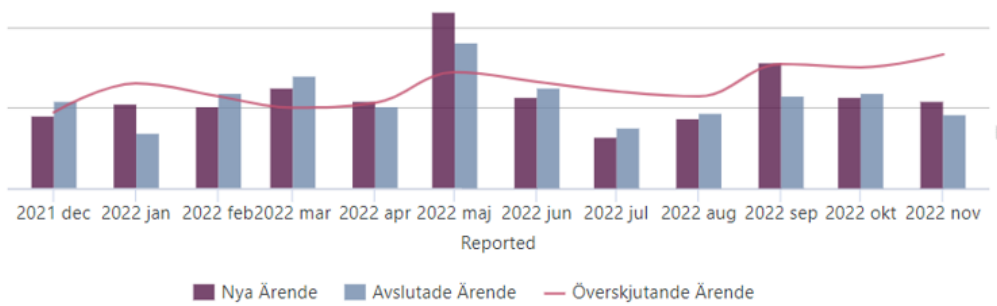
Bar Line Curved Line Pie Scatter Plot Heatmap Gauge

Label Column:  by  Format...

Data Column:   Show  Format...


Additional Column:

Bar Orientation:



# PM - Hours planned per month

## Data

 **Select data for analysis.**

Select Data:

|  |  |  |   |
|--|--|--|---|
| <input type="checkbox"/> (All)               | <input checked="" type="checkbox"/> Last PM        | <input type="checkbox"/> Category Identifier           | <input type="checkbox"/> Is Sliding           |
| <input checked="" type="checkbox"/> Id       | <input checked="" type="checkbox"/> Estimated Time | <input type="checkbox"/> Not Performed Date            | <input type="checkbox"/> Is Fixed             |
| <input type="checkbox"/> Description         | <input type="checkbox"/> Signature Identifier      | <input type="checkbox"/> Not Performed Description     | <input type="checkbox"/> Not Performed        |
| <input checked="" type="checkbox"/> Next PM  | <input type="checkbox"/> Usergroup Identifier      | <input checked="" type="checkbox"/> Is Recurring       | <input checked="" type="checkbox"/> Is Active |
| <input checked="" type="checkbox"/> Interval | <input type="checkbox"/> Type Identifier           | <input checked="" type="checkbox"/> Recurring Interval | <input type="checkbox"/> Recommended Interval |

## Filter

 **Filter rows by cell values.** 

- [Is Active] = True
- [WithinTime] Range 0 - 11

## Formula

### Next\_PM

[Preventive Maintenance (\*).Next PM]

### Last\_PM

[Preventive Maintenance (\*).Last PM]

### Estimated\_Time

CASE WHEN [Preventive Maintenance (\*).Estimated Time] > 0 THEN [Preventive Maintenance (\*).Estimated Time] ELSE 1 END

### WithinTime

DATEDIFF(month,getdate(),[Formula Columns.Next\_PM])

### Interval Type

CASE WHEN [Preventive Maintenance (\*).Interval] LIKE '%Månader%' THEN 'Month' ELSE 'Day' END

### td+0m

CASE

```
WHEN month(EOMONTH(getdate())) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate()) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                day,
```

```

        [Formula Columns.Next_PM],
        EOMONTH(getdate())
    ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate()) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate())
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
ELSE 0
END

```

#### **td + 1m**

CASE

```

    WHEN month(EOMONTH(getdate(), 1)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 1) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 1)
                ) / [Preventive Maintenance (*).Recurring Interval]
            ) * [Formula Columns.Estimated_Time]
        ) + [Formula Columns.Estimated_Time]
    ) - (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate())
                ) / [Preventive Maintenance (*).Recurring Interval]
            ) * [Formula Columns.Estimated_Time]
        ) + [Formula Columns.Estimated_Time]
    )
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0

```

```

AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 1) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 1)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate())
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

#### **td + 2m**

CASE

```

WHEN month(EOMONTH(getdate(), 2)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 2) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 2)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 1)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  )
)
)

```



```

    ) + [Formula Columns.Estimated_Time]
  )
  WHEN [Preventive Maintenance (*).Recurring Interval] != 0
  AND [Formula Columns.Interval Type] = 'Month'
  AND EOMONTH(getdate(), 2) >= [Formula Columns.Next_PM]
  AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
      floor(
        datediff(
          month,
          [Formula Columns.Next_PM],
          EOMONTH(getdate(), 2)
        ) / [Preventive Maintenance (*).Recurring Interval]
      ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
  ) - (
    (
      floor(
        datediff(
          month,
          [Formula Columns.Next_PM],
          EOMONTH(getdate(), 1)
        ) / [Preventive Maintenance (*).Recurring Interval]
      ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
  )
  )
  ELSE 0
END

```

### **td + 3m**

```

CASE
  WHEN month(EOMONTH(getdate(), 3)) = month([Formula Columns.Next_PM])
  AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
  WHEN [Preventive Maintenance (*).Recurring Interval] != 0
  AND [Formula Columns.Interval Type] = 'Day'
  AND EOMONTH(getdate(), 3) >= [Formula Columns.Next_PM]
  AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
      floor(
        datediff(
          day,
          [Formula Columns.Next_PM],
          EOMONTH(getdate(), 3)
        ) / [Preventive Maintenance (*).Recurring Interval]
      ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
  ) - (
    (
      floor(
        datediff(
          day,
          [Formula Columns.Next_PM],

```

```

        EOMONTH(getdate(), 2)
        ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 3) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 3)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 2)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

#### **td + 4m**

```

CASE
    WHEN month(EOMONTH(getdate(), 4)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 4) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 4)
                ) / [Preventive Maintenance (*).Recurring Interval]
            ) * [Formula Columns.Estimated_Time]
        ) + [Formula Columns.Estimated_Time]
    ) - (
        (
            floor(

```

```

        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 3)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 4) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 4)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 3)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

#### **td + 5m**

CASE

```

    WHEN month(EOMONTH(getdate(), 5)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 5) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 5)
                ) / [Preventive Maintenance (*).Recurring Interval]
            ) * [Formula Columns.Estimated_Time]
        ) + [Formula Columns.Estimated_Time]
    )

```

```

) - (
(
    floor(
        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 4)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 5) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
    floor(
        datediff(
            month,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 5)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
) - (
(
    floor(
        datediff(
            month,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 4)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

**td + 6m**

```

CASE
WHEN month(EOMONTH(getdate(), 6)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 6) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
    floor(
        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 6)

```

```

        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
) - (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 5)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 6) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 6)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 5)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

#### **td + 7m**

CASE

```

    WHEN month(EOMONTH(getdate(), 7)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 7) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(

```

```

        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 7)
    ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
) - (
(
    floor(
        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 6)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 7) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
    floor(
        datediff(
            month,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 7)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
) - (
(
    floor(
        datediff(
            month,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 6)
        ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

**td + 8m**

CASE

```

    WHEN month(EOMONTH(getdate(), 8)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 8) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (

```

```

(
  floor(
    datediff(
      day,
      [Formula Columns.Next_PM],
      EOMONTH(getdate(), 8)
    ) / [Preventive Maintenance (*).Recurring Interval]
  ) * [Formula Columns.Estimated_Time]
) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 7)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 8) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 8)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 7)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

**td + 9m**

CASE

```

WHEN month(EOMONTH(getdate(), 9)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
WHEN [Preventive Maintenance (*).Recurring Interval] != 0

```

```

AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 9) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 9)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 8)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 9) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 9)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 8)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END
CASE

```

**td + 10m**  
CASE



```

WHEN month(EOMONTH(getdate(), 10)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 10) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 10)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
) - (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 9)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 10) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 10)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 9)
            ) / [Preventive Maintenance (*).Recurring Interval]
        ) * [Formula Columns.Estimated_Time]
    ) + [Formula Columns.Estimated_Time]
)
)
ELSE 0
END

```

**td + 11m**

CASE

```
WHEN month(EOMONTH(getdate(), 11)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN [Formula Columns.Estimated_Time]
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 11) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 11)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 10)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 11) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 11)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 10)
      ) / [Preventive Maintenance (*).Recurring Interval]
    ) * [Formula Columns.Estimated_Time]
  ) + [Formula Columns.Estimated_Time]
)
)
```

```
)  
ELSE 0  
END
```

### Timmar

CASE

```
WHEN [Formula Columns.WithinTime] = 0 THEN SUM([Formula Columns.td+0m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 1 THEN SUM([Formula Columns.td+1m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 2 THEN SUM([Formula Columns.td+2m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 3 THEN SUM([Formula Columns.td+3m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 4 THEN SUM([Formula Columns.td+4m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 5 THEN SUM([Formula Columns.td+5m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 6 THEN SUM([Formula Columns.td+6m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 7 THEN SUM([Formula Columns.td+7m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 8 THEN SUM([Formula Columns.td+8m]) over(  
    partition BY [Preventive Maintenance (*).Is Active],  
    year([Formula Columns.Next_PM]),  
    month([Formula Columns.Next_PM])  
)
```

```
WHEN [Formula Columns.WithinTime] = 9 THEN SUM([Formula Columns.td+9m]) over(  
)
```

```

partition BY [Preventive Maintenance (*).Is Active],
year([Formula Columns.Next_PM]),
month([Formula Columns.Next_PM])
)
WHEN [Formula Columns.WithinTime] = 10 THEN SUM([Formula Columns.td+10m]) over(
partition BY [Preventive Maintenance (*).Is Active],
year([Formula Columns.Next_PM]),
month([Formula Columns.Next_PM])
)
WHEN [Formula Columns.WithinTime] = 11 THEN SUM([Formula Columns.td+11m]) over(
partition BY [Preventive Maintenance (*).Is Active],
year([Formula Columns.Next_PM]),
month([Formula Columns.Next_PM])
)
)
ELSE 0
END

```

**Total**

[Formula Columns.td+0m] + [Formula Columns.td+1m] + [Formula Columns.td+2m] + [Formula Columns.td+3m] + [Formula Columns.td+4m] + [Formula Columns.td+5m] + [Formula Columns.td+6m] + [Formula Columns.td+7m] + [Formula Columns.td+8m] + [Formula Columns.td+9m] + [Formula Columns.td+10m] + [Formula Columns.td+11m]

**Table Result**

| Id    | WithinTime<br>▲ | Is Active | Is Recurring | Estimated_Time | Next_PM                   | Recurring Interval | Interval Type | td+0m | td+1m | td+2m | td+3m | td+4m | td+5m | td+6m | td+7m | td+8m | td+9m | td+10m | td+11m | Timmar | Total |
|-------|-----------------|-----------|--------------|----------------|---------------------------|--------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|
| 10203 | 0               | True      | True         | 1              | 2022-11-21T00:00:00+01:00 | 90                 | Day           | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 0      | 0      | 51     | 4     |
| 1816  | 0               | True      | True         | 1              | 2022-11-13T00:00:00+01:00 | 36                 | Month         | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 51     | 1     |

**Chart Result**

## ☰ Maximum of Timmar by Next\_PM Month ⚙️ 🗄️ 🗑️

Bar Line Curved Line Pie Scatter Plot Heatmap Gauge

Label Column:  by

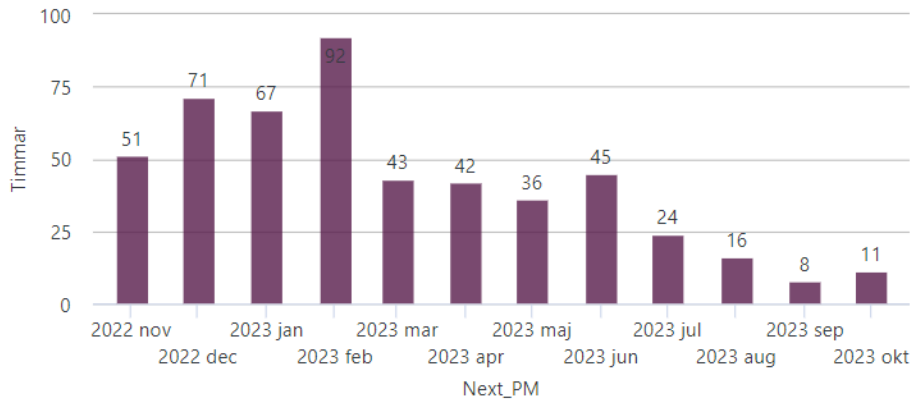
Data Column:   Show

Additional Column:

Forecast:


Bar Orientation:

OK



# PM - Number of planned occasions per month

## Data

 **Select data for analysis.**

Select Data

|  |  |  |   |
|--|--|--|---|
| <input type="checkbox"/> (All)               | <input checked="" type="checkbox"/> Last PM        | <input type="checkbox"/> Category Identifier           | <input type="checkbox"/> Is Sliding           |
| <input checked="" type="checkbox"/> Id       | <input checked="" type="checkbox"/> Estimated Time | <input type="checkbox"/> Not Performed Date            | <input type="checkbox"/> Is Fixed             |
| <input type="checkbox"/> Description         | <input type="checkbox"/> Signature Identifier      | <input type="checkbox"/> Not Performed Description     | <input type="checkbox"/> Not Performed        |
| <input checked="" type="checkbox"/> Next PM  | <input type="checkbox"/> Usergroup Identifier      | <input checked="" type="checkbox"/> Is Recurring       | <input checked="" type="checkbox"/> Is Active |
| <input checked="" type="checkbox"/> Interval | <input type="checkbox"/> Type Identifier           | <input checked="" type="checkbox"/> Recurring Interval | <input type="checkbox"/> Recommended Interval |

## Filter

 **Filter rows by cell values.** 

[Is Active] = True

[WithinTime] Range 0 - 11

## Formula

### Next\_PM

[Preventive Maintenance (\*).Next PM]

### Last\_PM

[Preventive Maintenance (\*).Last PM]

### Estimated\_Time

CASE

WHEN [Preventive Maintenance (\*).Estimated Time] > 0 THEN [Preventive Maintenance (\*).Estimated Time]

ELSE 1

END

### WithinTime

DATEDIFF(month, getdate(), [Formula Columns.Next\_PM])

### Interval Type

CASE

WHEN [Preventive Maintenance (\*).Interval] LIKE '%Månader%' THEN 'Month'

ELSE 'Day'

END

### td + 0m

CASE

WHEN month(EOMONTH(getdate())) = month([Formula Columns.Next\_PM])

AND [Preventive Maintenance (\*).Is Recurring] = 0 THEN 1

WHEN [Preventive Maintenance (\*).Recurring Interval] != 0

AND [Formula Columns.Interval Type] = 'Day'

```

AND EOMONTH(getdate()) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate())
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate()) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate())
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
ELSE 0
END

```

#### **td + 1m**

```

CASE
  WHEN month(EOMONTH(getdate(), 1)) = month([Formula Columns.Next_PM])
  AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
  WHEN [Preventive Maintenance (*).Recurring Interval] != 0
  AND [Formula Columns.Interval Type] = 'Day'
  AND EOMONTH(getdate(), 1) >= [Formula Columns.Next_PM]
  AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
      floor(
        datediff(
          day,
          [Formula Columns.Next_PM],
          EOMONTH(getdate(), 1)
        ) / [Preventive Maintenance (*).Recurring Interval]
      )
    ) + 1
  ) - (
    (
      floor(
        datediff(
          day,
          [Formula Columns.Next_PM],

```

```

        EOMONTH(getdate())
    ) / [Preventive Maintenance (*).Recurring Interval]
    )
) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 1) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 1)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate())
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
)
)
ELSE 0
END

```

#### **td + 2m**

CASE

```

    WHEN month(EOMONTH(getdate(), 2)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 2) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 2)
                ) / [Preventive Maintenance (*).Recurring Interval]
            )
        ) + 1
    ) - (
        (
            floor(

```



```

        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 1)
        ) / [Preventive Maintenance (*).Recurring Interval]
    )
) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 2) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 2)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 1)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
)
)
ELSE 0
END

```

### **td + 3m**

CASE

```

    WHEN month(EOMONTH(getdate(), 3)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 3) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 3)
                ) / [Preventive Maintenance (*).Recurring Interval]
            )
        ) + 1
    )
)

```

```

) - (
(
    floor(
        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 2)
        ) / [Preventive Maintenance (*).Recurring Interval]
    )
) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 3) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
    floor(
        datediff(
            month,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 3)
        ) / [Preventive Maintenance (*).Recurring Interval]
    )
) + 1
) - (
(
    floor(
        datediff(
            month,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 2)
        ) / [Preventive Maintenance (*).Recurring Interval]
    )
) + 1
)
ELSE 0
END

```

**td + 4m**

```

CASE
    WHEN month(EOMONTH(getdate(), 4)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 4) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
    floor(
        datediff(
            day,
            [Formula Columns.Next_PM],
            EOMONTH(getdate(), 4)
        )
    )
)

```

```

        ) / [Preventive Maintenance (*).Recurring Interval]
    )
) + 1
) - (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 3)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 4) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 4)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 3)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
)
)
ELSE 0
END

```

#### **td + 5m**

CASE

```

    WHEN month(EOMONTH(getdate(), 5)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 5) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(

```

```

        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 5)
    ) / [Preventive Maintenance (*).Recurring Interval]
    )
    ) + 1
    ) - (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 4)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
    )
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Month'
    AND EOMONTH(getdate(), 5) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 5)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
    ) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 4)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
    )
    )
    ELSE 0
END

```

#### **td + 6m**

CASE

```

    WHEN month(EOMONTH(getdate(), 6)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 6) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (

```

```

(
  floor(
    datediff(
      day,
      [Formula Columns.Next_PM],
      EOMONTH(getdate(), 6)
    ) / [Preventive Maintenance (*).Recurring Interval]
  )
) + 1
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 5)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 6) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 6)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 5)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
)
ELSE 0
END

```

**td + 7m**

CASE

```

WHEN month(EOMONTH(getdate(), 7)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
WHEN [Preventive Maintenance (*).Recurring Interval] != 0

```

```

AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 7) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 7)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 6)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 7) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 7)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 6)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
ELSE 0
END

```

**td + 8m**  
CASE

```

WHEN month(EOMONTH(getdate(), 8)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 8) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 8)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
) - (
    (
        floor(
            datediff(
                day,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 7)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 8) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 8)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
) - (
    (
        floor(
            datediff(
                month,
                [Formula Columns.Next_PM],
                EOMONTH(getdate(), 7)
            ) / [Preventive Maintenance (*).Recurring Interval]
        )
    ) + 1
)
ELSE 0
END

```

**td + 9m**

CASE

```
WHEN month(EOMONTH(getdate(), 9)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 9) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 9)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
) - (
  (
    floor(
      datediff(
        day,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 8)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 9) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 9)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
) - (
  (
    floor(
      datediff(
        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 8)
      ) / [Preventive Maintenance (*).Recurring Interval]
    )
  ) + 1
)
```



```
)
ELSE 0
END
```

**td + 10m**

```
CASE
WHEN month(EOMONTH(getdate(), 10)) = month([Formula Columns.Next_PM])
AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Day'
AND EOMONTH(getdate(), 10) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
floor(
datediff(
day,
[Formula Columns.Next_PM],
EOMONTH(getdate(), 10)
) / [Preventive Maintenance (*).Recurring Interval]
)
)+ 1
)- (
(
floor(
datediff(
day,
[Formula Columns.Next_PM],
EOMONTH(getdate(), 9)
) / [Preventive Maintenance (*).Recurring Interval]
)
)+ 1
)
)
WHEN [Preventive Maintenance (*).Recurring Interval] != 0
AND [Formula Columns.Interval Type] = 'Month'
AND EOMONTH(getdate(), 10) >= [Formula Columns.Next_PM]
AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
(
floor(
datediff(
month,
[Formula Columns.Next_PM],
EOMONTH(getdate(), 10)
) / [Preventive Maintenance (*).Recurring Interval]
)
)+ 1
)- (
(
floor(
datediff(
month,
[Formula Columns.Next_PM],
EOMONTH(getdate(), 9)
)
```

```

        ) / [Preventive Maintenance (*).Recurring Interval]
    )
    ) + 1
)
ELSE 0
END

```

**td + 11m**

CASE

```

    WHEN month(EOMONTH(getdate(), 11)) = month([Formula Columns.Next_PM])
    AND [Preventive Maintenance (*).Is Recurring] = 0 THEN 1
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Day'
    AND EOMONTH(getdate(), 11) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 11)
                ) / [Preventive Maintenance (*).Recurring Interval]
            )
        ) + 1
    ) - (
        (
            floor(
                datediff(
                    day,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 10)
                ) / [Preventive Maintenance (*).Recurring Interval]
            )
        ) + 1
    )
    WHEN [Preventive Maintenance (*).Recurring Interval] != 0
    AND [Formula Columns.Interval Type] = 'Month'
    AND EOMONTH(getdate(), 11) >= [Formula Columns.Next_PM]
    AND [Preventive Maintenance (*).Is Recurring] = 1 THEN (
        (
            floor(
                datediff(
                    month,
                    [Formula Columns.Next_PM],
                    EOMONTH(getdate(), 11)
                ) / [Preventive Maintenance (*).Recurring Interval]
            )
        ) + 1
    ) - (
        (
            floor(
                datediff(

```

```

        month,
        [Formula Columns.Next_PM],
        EOMONTH(getdate(), 10)
    ) / [Preventive Maintenance (*).Recurring Interval]
    )
    ) + 1
    )
    ELSE 0
END

```

### Antal

CASE

```

    WHEN [Formula Columns.WithinTime] = 0 THEN SUM([Formula Columns.td+0m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 1 THEN SUM([Formula Columns.td+1m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 2 THEN SUM([Formula Columns.td+2m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 3 THEN SUM([Formula Columns.td+3m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 4 THEN SUM([Formula Columns.td+4m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 5 THEN SUM([Formula Columns.td+5m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 6 THEN SUM([Formula Columns.td+6m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )
    WHEN [Formula Columns.WithinTime] = 7 THEN SUM([Formula Columns.td+7m]) over(
        partition BY [Preventive Maintenance (*).Is Active],
        year([Formula Columns.Next_PM]),
        month([Formula Columns.Next_PM])
    )

```

```

WHEN [Formula Columns.WithinTime] = 8 THEN SUM([Formula Columns.td+8m]) over(
  partition BY [Preventive Maintenance (*).Is Active],
  year([Formula Columns.Next_PM]),
  month([Formula Columns.Next_PM])
)
WHEN [Formula Columns.WithinTime] = 9 THEN SUM([Formula Columns.td+9m]) over(
  partition BY [Preventive Maintenance (*).Is Active],
  year([Formula Columns.Next_PM]),
  month([Formula Columns.Next_PM])
)
WHEN [Formula Columns.WithinTime] = 10 THEN SUM([Formula Columns.td+10m]) over(
  partition BY [Preventive Maintenance (*).Is Active],
  year([Formula Columns.Next_PM]),
  month([Formula Columns.Next_PM])
)
WHEN [Formula Columns.WithinTime] = 11 THEN SUM([Formula Columns.td+11m]) over(
  partition BY [Preventive Maintenance (*).Is Active],
  year([Formula Columns.Next_PM]),
  month([Formula Columns.Next_PM])
)
)
ELSE 0
END

```

### Total

[Formula Columns.td+0m] + [Formula Columns.td+1m] + [Formula Columns.td+2m] + [Formula Columns.td+3m] + [Formula Columns.td+4m] + [Formula Columns.td+5m] + [Formula Columns.td+6m] + [Formula Columns.td+7m] + [Formula Columns.td+8m] + [Formula Columns.td+9m] + [Formula Columns.td+10m] + [Formula Columns.td+11m]

### Table Result

| Id    | WithinTime | Is Active | Is Recurring | Next_PM                   | Recurring Interval | Interval Type | td+0m | td+1m | td+2m | td+3m | td+4m | td+5m | td+6m | td+7m | td+8m | td+9m | td+10m | td+11m | Total | Antal | Estimated_Time |
|-------|------------|-----------|--------------|---------------------------|--------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|----------------|
| 10203 | 0          | True      | True         | 2022-11-21T00:00:00+01:00 | 90                 | Day           | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 1     | 0      | 0      | 4     | .24   | 1              |
| 1816  | 0          | True      | True         | 2022-11-13T00:00:00+01:00 | 36                 | Month         | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 1     | .24   | 1              |

### Chart Result

## ☰ Maximum of Antal by Next\_PM Month ⚙️ 🗄️ 🗑️

Bar Line Curved Line Pie Scatter Plot Heatmap Gauge

Label Column:  by

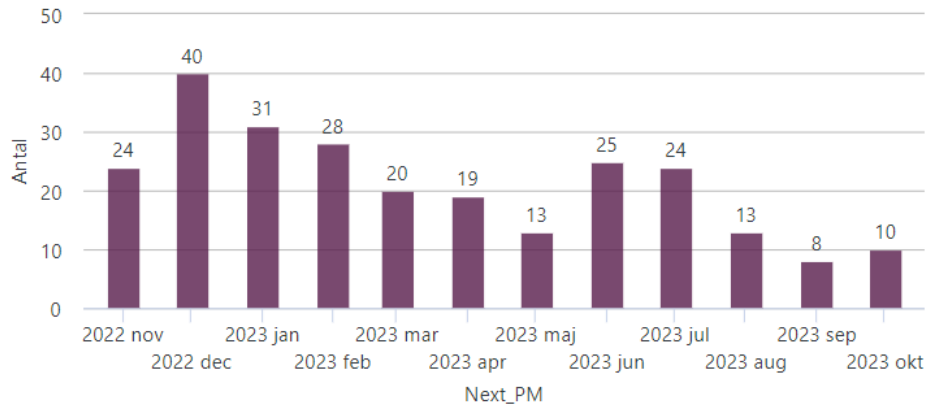
Data Column:   Show

Additional Column:

Forecast:


Bar Orientation:

OK



# PM - Lag between planned and completed per month

## Data

 **Select data for analysis.**

Select Data Preventive Maintenance History ▼

|   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> (All)                  | <input checked="" type="checkbox"/> Last Pm              | <input type="checkbox"/> Category Identifier           | <input type="checkbox"/> Is Sliding           |
| <input checked="" type="checkbox"/> Id          | <input checked="" type="checkbox"/> Estimated Time       | <input type="checkbox"/> Not Performed Date            | <input type="checkbox"/> Is Fixed             |
| <input checked="" type="checkbox"/> Description | <input type="checkbox"/> Signature Identifier            | <input type="checkbox"/> Not Performed Description     | <input checked="" type="checkbox"/> Is Active |
| <input checked="" type="checkbox"/> Next Pm     | <input checked="" type="checkbox"/> Usergroup Identifier | <input type="checkbox"/> Not Performed                 | <input type="checkbox"/> Recommended Interval |
| <input checked="" type="checkbox"/> Interval    | <input type="checkbox"/> Type Identifier                 | <input checked="" type="checkbox"/> Recurring Interval |   |

## Filter

 **Filter rows by cell values.** 

[WithinTime] Range 0 - 11

## Formulas

### Planned

[Preventive Maintenance History.Next Pm]

### Completed

[Preventive Maintenance History.Last Pm]

### Interval Type

CASE

```
WHEN [Preventive Maintenance History.Interval] LIKE '%Månader%' THEN 'Month'  
ELSE 'Day'
```

END

### WithinTime

DATEDIFF(month, [Formula Columns.Completed], getdate())

### Släp

```
(  
  DATEDIFF(  
    day,  
    [Formula Columns.Planned],  
    [Formula Columns.Completed]  
  )  
)
```

## Table Results

| Id   | WithinTime | Planned                   | Completed                 | Recurring Interval | Interval Type | Släp |
|------|------------|---------------------------|---------------------------|--------------------|---------------|------|
| 3184 | 0          | 2020-11-22T00:00:00+01:00 | 2022-11-30T00:00:00+01:00 | 12                 | Month         | 738  |

## Chart Results

### ⊖ Average of Släp by Completed Month ⚙️ 🗄️ 🗑️

Bar Line Curved Line Pie Scatter Plot Heatmap Gauge

X-Axis Column: Completed by Month

Y-Axis Column: Släp Average Show Value

Additional Column:

Forecast: Off

OK

