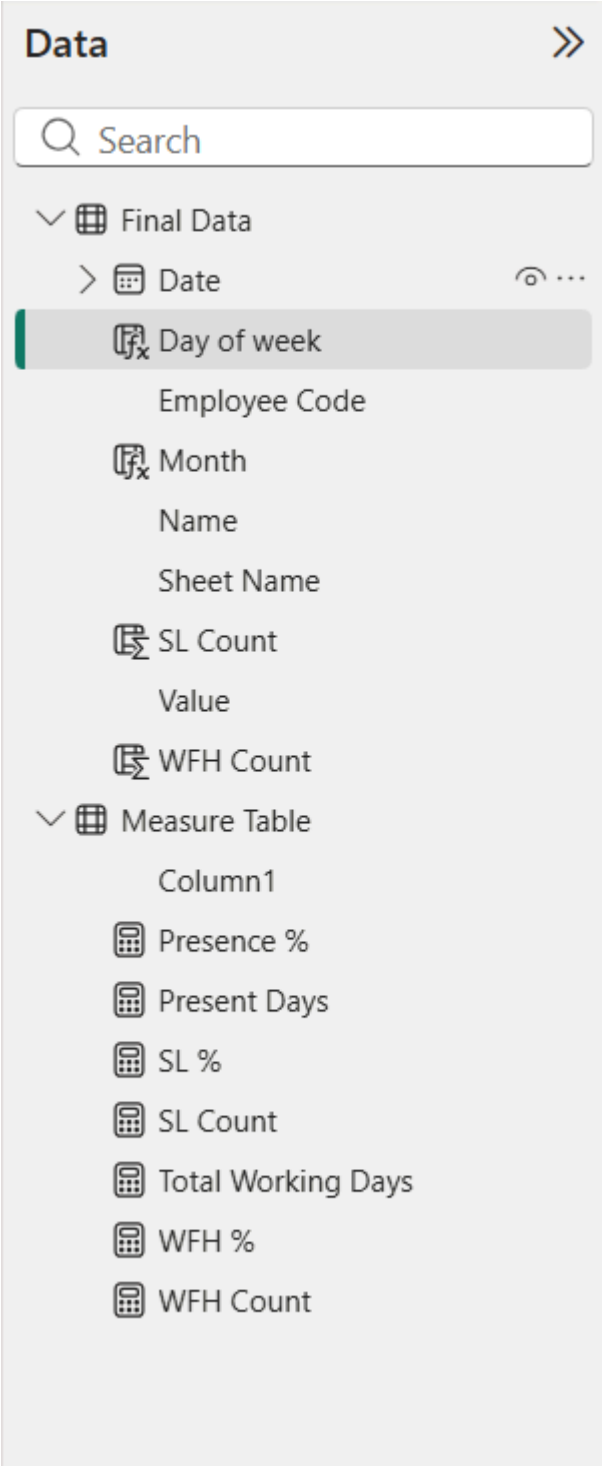
Atliq Employees Performance Data Analysis Project

About Project and what we have done:
This project gives us Atliq's all employees presence for the months April , May and June (in the year 2022).
Insights drawn in this project:

1) How many employees were present (in each month separately and across all months).
2) For every month how many people preferred working from home.
3) How many people were present , opted for Sick-leave and Work from home across all the 3 months (both by Day of week and Employee-code).
4) Daily Attendance of all employees.
5) KPIs for these data:
    a) Total Working Days
    b) Present Days
    c) Presence %
    d) Work from Home (abbreviated as WFH) %
    e) Sick Leave (abbreviated as SL) %
6) Trends observed in these data:
    a) Sick Leave (abbreviated as SL)
    b) Work from Home (abbreviated as WFH)
    c) Presence



Measures used:

➔ `WFH % = DIVIDE([WFH Count],[Present Days],0)*100`

➔ `Total Working Days =`

```
VAR totaldays = COUNT('Final Data'[Value])
```

```
VAR nonworkdays = CALCULATE( COUNT('Final Data'[Value]),'Final Data'[Value]
in {"WO","HO"})

RETURN totaldays - nonworkdays
```

➔ `WFH Count = SUM('Final Data'[WFH Count])`

➔ `SL Count = SUM('Final Data'[SL Count])`

➔ `SL % = DIVIDE([SL Count],[Total Working Days],0)*100`

➔ `Present Days =`

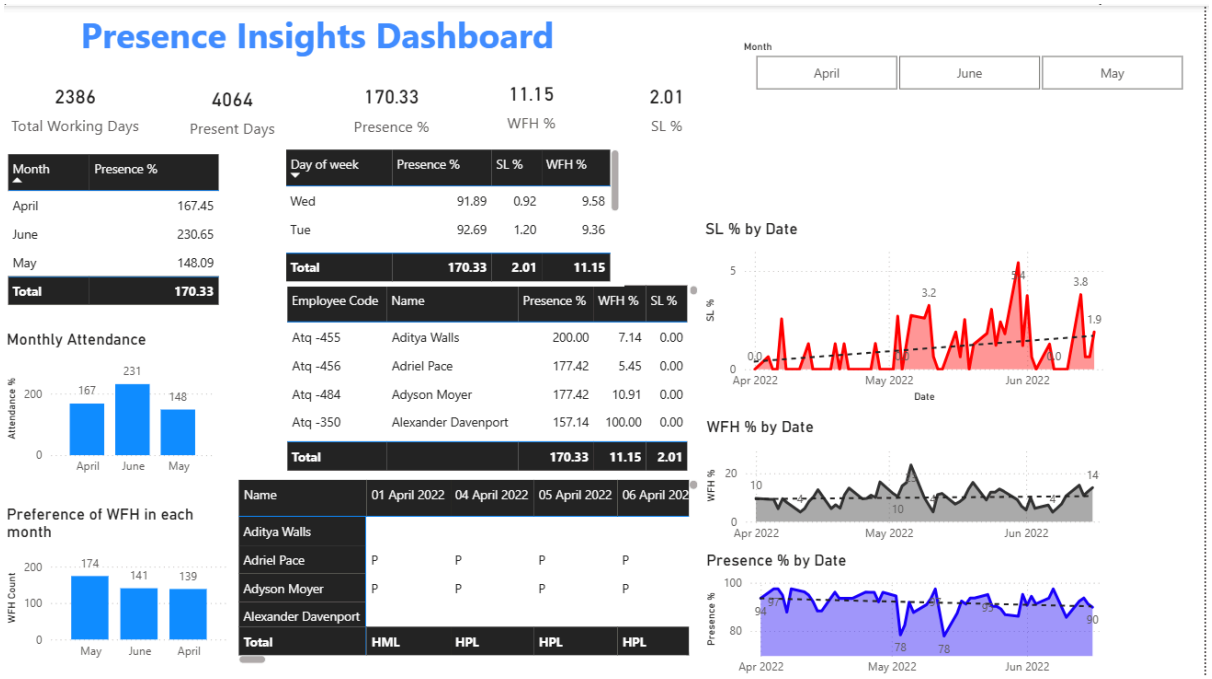
```
VAR Presentdays =
    CALCULATE(
        COUNT('Final Data'[Value]),
        'Final Data'[Value] = "P"
    )

RETURN Presentdays + [WFH Count]
```

➔ `Presence % = DIVIDE([Present Days],'Measure Table'[Total Working Days],0) * 100`

New columns created:

- ```
  WFH Count = SWITCH(TRUE(),
  'Final Data'[Value] = "WFH",1,
  'Final Data'[Value] = "HWFH",0.5,
  0)
  ```
- ```
  SL Count = SWITCH(TRUE(),
  'Final Data'[Value] = "SL",1,
  'Final Data'[Value] = "HSL",0.5,
  0)
  ```
- `Month = FORMAT('Final Data'[Date], "MMMM")`
- `Day of week = FORMAT('Final Data'[Date],"ddd")`

Final Dashboard:



Conclusion drawn:

1. Sick-leaves are increasing with time
2. Employees are not preferring to work from office with time (Since Presence % is decreasing)