

# **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

**Data** ➤

Search

Final Data

Date

Day of week

Employee Code

Month

Name

Sheet Name

SL Count

Value

WFH Count

Measure Table

Column1

Presence %

Present Days

SL %

SL Count

Total Working Days

WFH %

WFH Count

This screenshot shows a data exploration interface. At the top, there's a search bar with a magnifying glass icon. Below it, a section titled 'Final Data' contains items like 'Date', 'Day of week', 'Employee Code', 'Month', 'Name', 'Sheet Name', 'SL Count', and 'Value'. Another section titled 'Measure Table' contains items such as 'Column1', 'Presence %', 'Present Days', 'SL %', 'SL Count', 'Total Working Days', 'WFH %', and 'WFH Count'. The 'Day of week' item is currently selected, indicated by a green vertical bar on its left.

**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

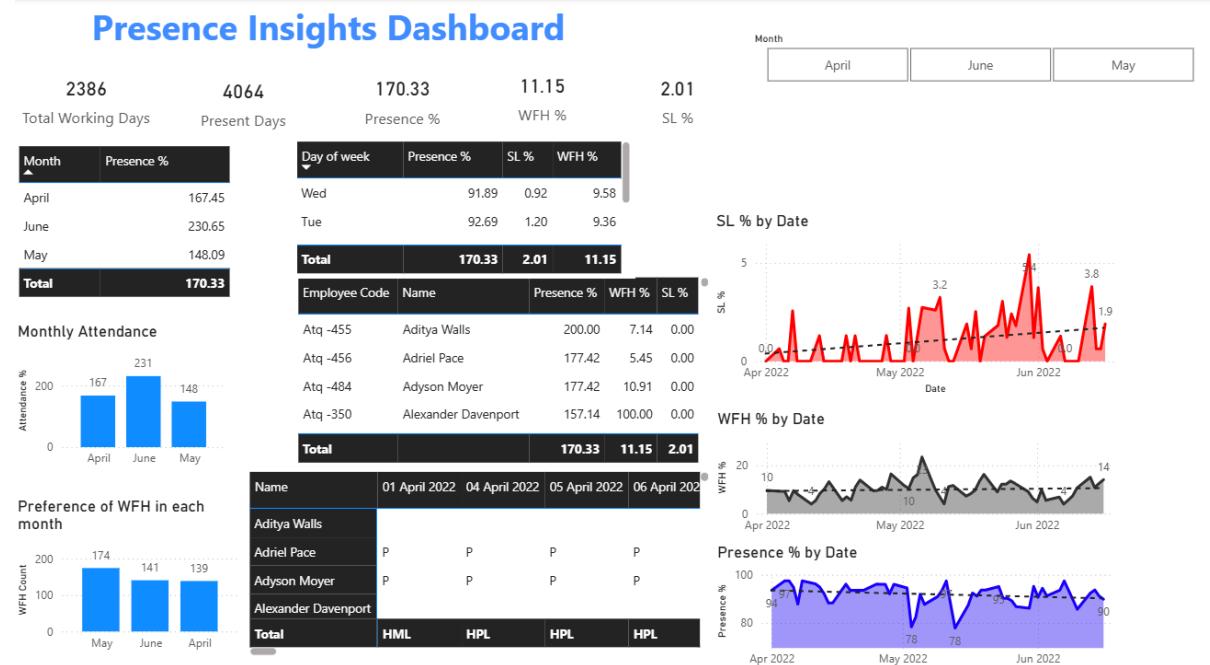
```

### 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:

### Presence Insights 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)