Case Study: Atliq Hardware Attendance Analysis

Name: Md Sahil

Date: Feb 2023

Introduction:

Our case study is based on a computer hardware business Atliq Hardware which is facing challenges to find answer relating to sick leave, work from home and attendance so that company should take actions like which time is good for meeting, get-together project deadlines and health related precautions.
HR of the company Pinali Mandalia give attendance file in excel format to analyst team to analyze and discover meaningful insight.

PHASE 1: Asking the right question and Identifying business task

Stakeholders:

Pinali Mandalia (HR of the company)

Goal:

The Goal of this analysis is to finding answers that helps to answer like which time is good for meeting, get-together project deadlines and health related precautions.

PHASE 2: Preparing the Data

Data source:

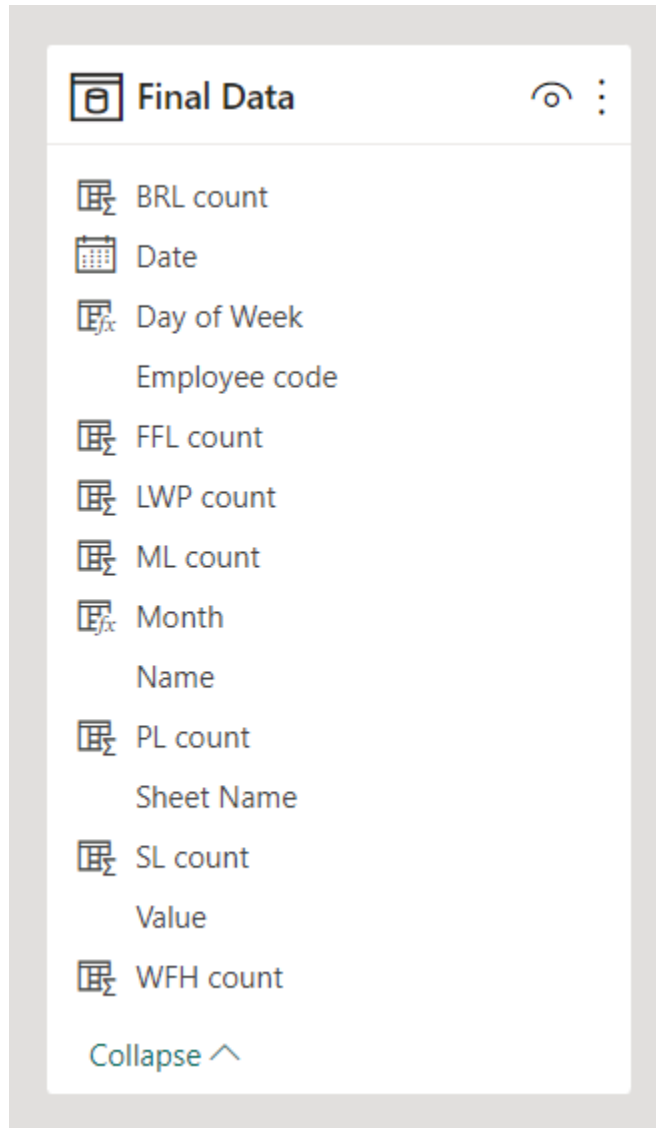Data is given by CodeBasic.

Data details:

Data is given by CodeBasic in excel format. There are 4 sheets- 3 sheets contains data of April, May and June respectively and 4th sheet contains full form of attendance key.

PHASE 3 & 4: Process and Analyzing the Data

Here we will use AIMS grid to define purpose and success criteria of this project. Once AIMS grid is defined, next step is data discovery. In this step, data analyst team approaches HR of the organization who have attendance records.

These records are in excel format. We load the data into powerBI and then transformed all 3 attendance sheets into single one table in power query editor by unpivot each month attendance table and then create one single table.

After transforming the raw data to a single table our data model is given below:

PHASE 5 & 6: Visualizations and Act

I used PowerBI to run further analysis and generate visualizations that support the key findings in the analysis.

For full visualization and key findings follow the link:

https://www.novypro.com/project/hr-attendance-analysis