

Employee Data Analysis using Excel

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PROJECT TITLE

**Employee Performance Analysis
using Excel**

AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Our Solution and Proposition
5. Dataset Description
6. Modelling Approach
7. Results and Discussion
8. Conclusion



PROBLEM STATEMENT

The performance of employees plays a crucial role in driving the organization's growth. To foster a positive environment, it is important to appreciate and recognize employees' contributions, which can be achieved through promotions, increments, and continuous motivation. By investing in their development, the organization not only boosts employee morale but also ensures sustained progress and success for all.



PROJECT OVERVIEW

Employee Data Analysis focuses on collecting and interpreting data to improve workforce decision-making.

Key areas include tracking performance, employee growth, and retention.

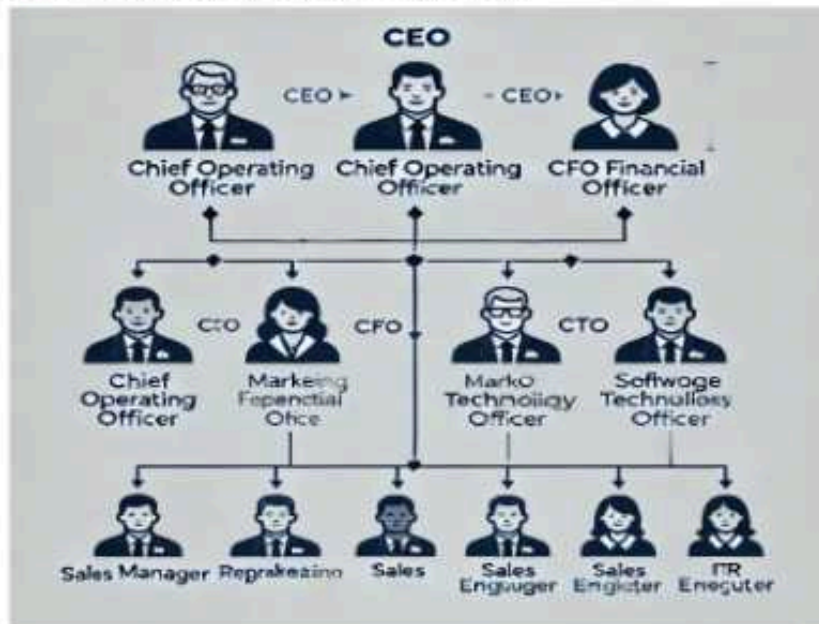
It helps assess compensation, engagement, and satisfaction levels.

This analysis supports better workforce planning and enhances employee motivation.

Ultimately, it aligns individual progress with overall organizational growth.



WHO ARE THE END USERS?



OUR SOLUTION AND ITS VALUE PROPOSITION



Conditional formatting - Missing values
Filter - Filter out missing values
Pivot table - summary of data
Graph - Data visualization

Dataset Description

Employee dataset - Kaggle

Features - 26

Considered - 9

Employee ID - Numerical

First Name - Text

Employee Type

Performance level

Gender - male and female

Employee rating - Numerical



THE "WOW" IN OUR SOLUTION



- =IFS(Z8>=5,"VERY HIGH",Z8>=4,"HIGH", Z8>=3,"MED", TRUE,"LOW")



MODELLING

Data collection

- 1) Download - gaggle
- 2) Edunet dashboard - File download

Features collection

- 1) Employee I'D
- 2) First Name
- 3) Employee Type
- 4) Performance level
- 5) Gender - Male and female
- 6) Employee rating

Data cleaning

- 1) Missing values identification
- 2) Filter out missing values

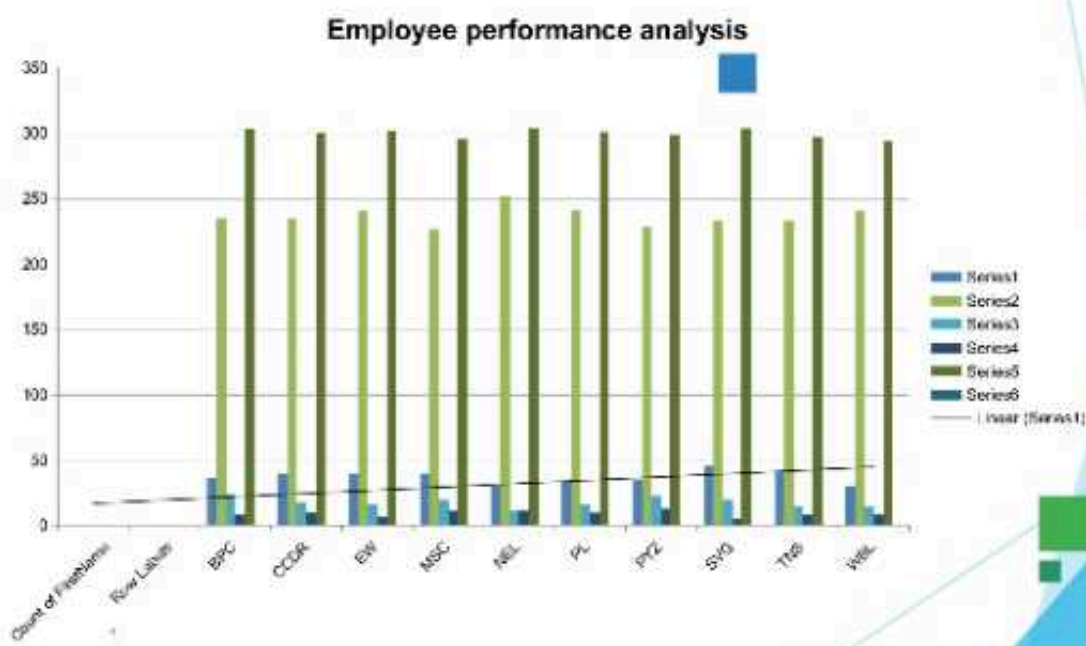
Summary

- 1) Pivot Table - Summary of Data

Data visualization

- 1) Graph - Data visualization (Bar chart)

RESULTS



conclusion

Effective employee data analysis is vital for organizations aiming to balance employee growth with organizational success.

By thoroughly evaluating factors such as performance, appreciation, promotions, and increments, companies can drive motivation and productivity.

This approach not only enhances job satisfaction but also creates a work environment that fosters continuous personal development and aligns with the organization's long-term goals. In conclusion, data-driven strategies empower organizations to support collective growth.



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