

Employee Data Analysis using Excel

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PROJECT TITLE

Employee performance analysis
using Excel





AGENDA

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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

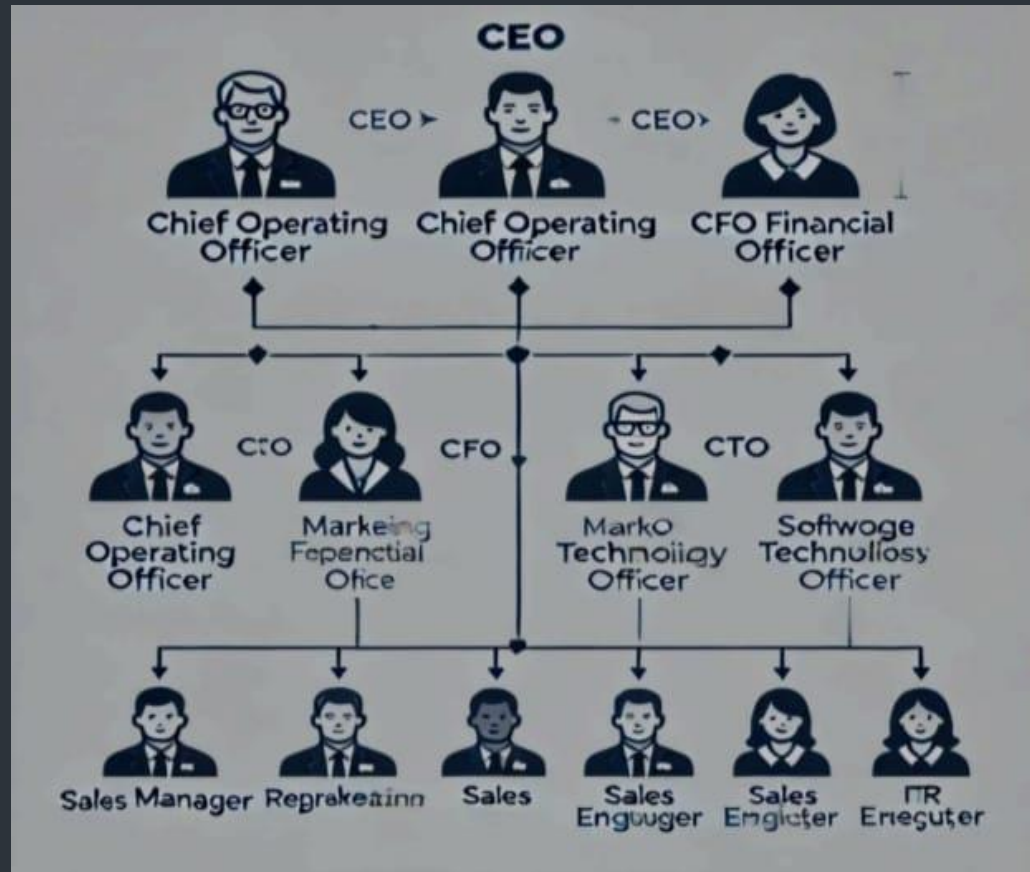
- The goal of employees data analysis is to enhance worker decision –making through the collection and interpretation of data.
- Better workforce planning is supported by this analysis, which also improves motivation of employees.
- In the end, it harmonizes personal development with overall organisational expansion.



PROJECT OVERVIEW

- 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.
- The performance of employees plays an important role in driving the growth of organisational structure.

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
- Names – Text
- Gender – Text (male and female)
- Department – Text
- Monthly salary – Numericals
- Starting date of job – Numerical



THE “WOW” IN OUR SOLUTION

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

MODELLING

DATA COLLECTION

1. Download – Kaggle
2. Edunet dashboard – File download

FEATURES COLLECTION

1. Names
2. Gender
3. Department
4. Monthly salary
5. Starting date of job

DATA CLEANING

1. Missing values identification
2. Filter out missing values

SUMMARY

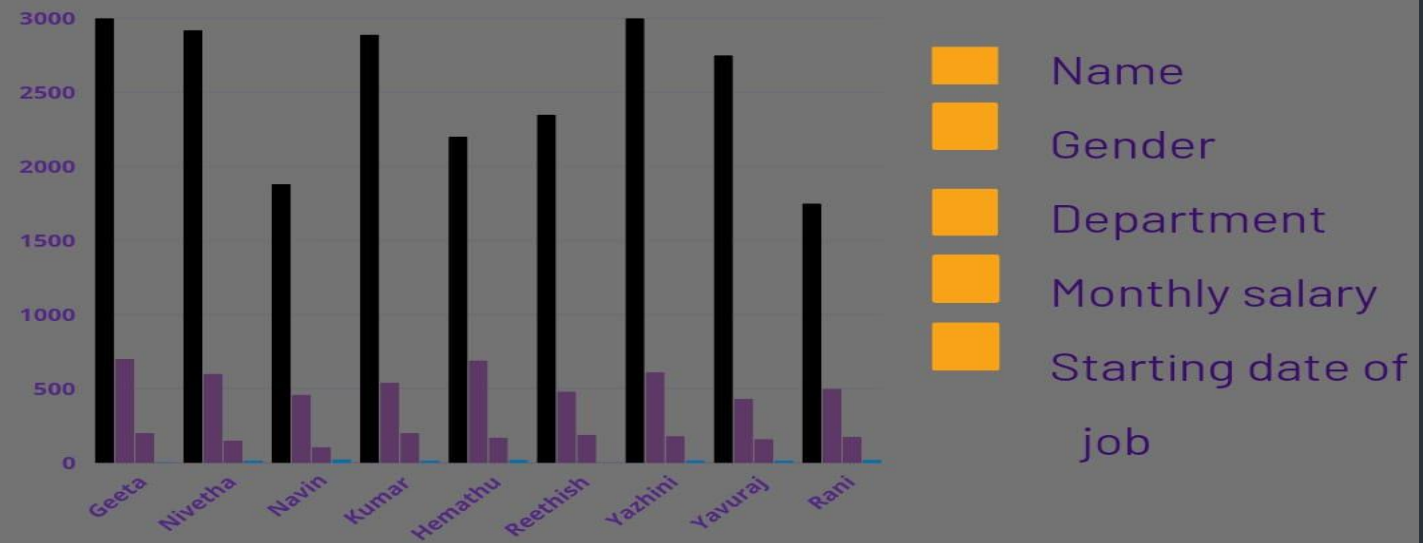
1. Pivot table – Summary of data

DATA VISALIZATION

1. Graph – Data visualization (bar chart)

RESULTS

EMPLOYEES DETAILS IN COMPANY





CONCLUSION

- The data set can be used for various HR and workforce-related analysis, including employees retention, salary structure assessments, diversity and inclusion studies, and leave pattern analyses.
- Researchers, data analysts, and HR professionals can gain valuable insights from this data set.
- Effective employees data analysis is crucial for organizations achieving to balance employees growth with success. This approach not only enhances job satisfaction but also creates a faster work environment.



Thank you