Employee Data Analytics Using Excel

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PROJECT TITLE

AGENDA

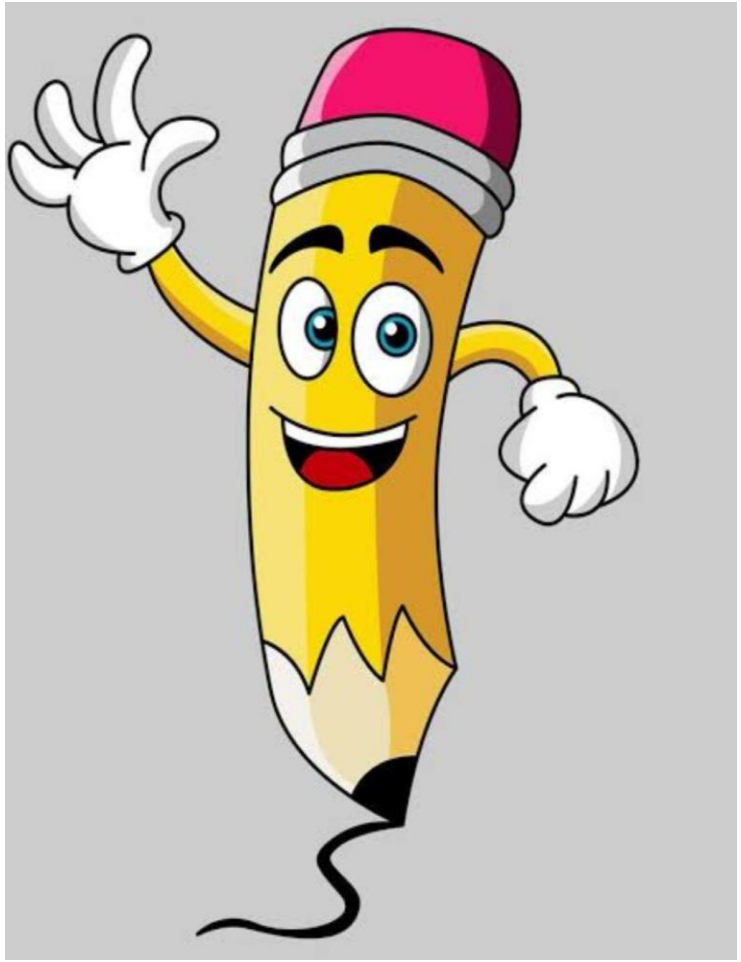
1. Problem Statement
2. Project Overview
3. End Users
4. Our Solution and Proposition
5. Dataset Description
6. Modelling Approach
7. Results and Discussion
8. Conclusion

PROBLEM STATEMENT

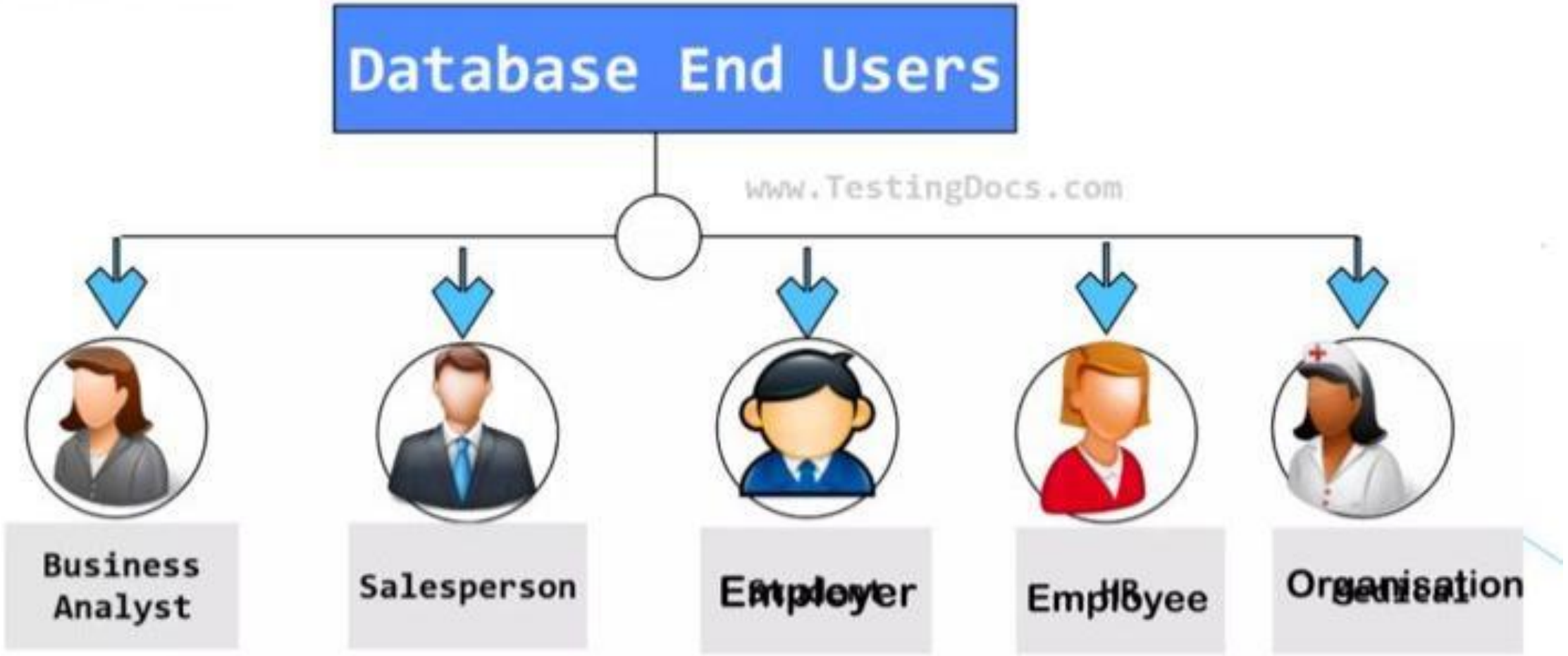
- We have a vast dataset of employee information in Excel, which includes personal details, job roles, performance metrics, and attendance records. Despite possessing this data, we encounter challenges in effectively analyzing and utilizing it for decision-making purposes.

PROJECT OVERVIEW

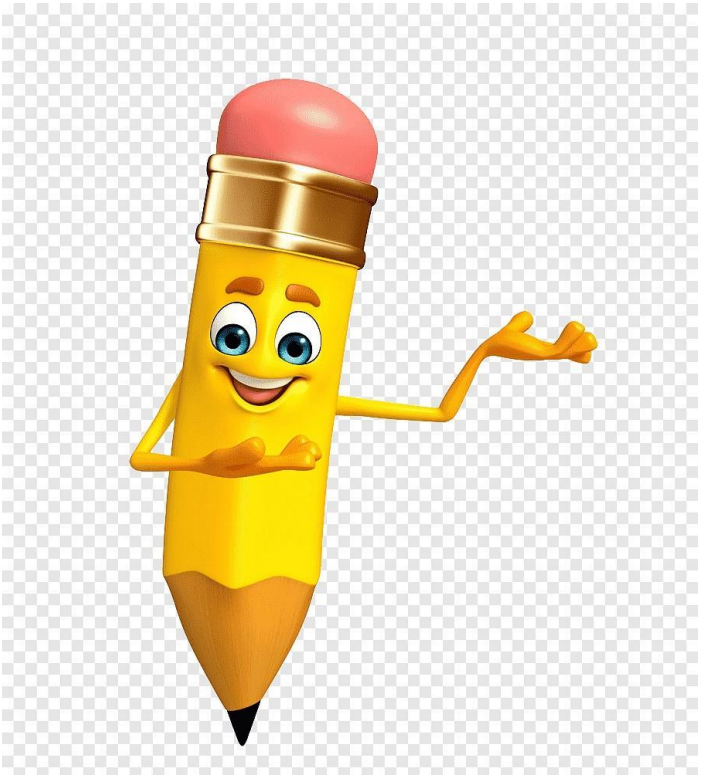
This summary of the employee dataset analysis evaluates the performance of various employees by considering multiple factors such as employee type, current ratings, status, business unit, gender, raw data, future goals, and achievements. The analysis is conducted to identify trends and categorize employees into different performance levels, such as high, medium, and low.



WHO ARE THE END USERS?



OUR SOLUTION AND IT'S VALUE PROPOSITION



Conditional Formatting – Missing
Filter – Remove
Formulae – Performance
Pivot – Summary
Gragh – Data Visualization

DATASET DESCRIPTION

- Employee dataset – Kaggle 26 Features
  Employee ID – DE5B5E0E9816961914748 13EBC226A7F
  Name – Text
  Performance Level – Very High , High , Medium , Low
  Gender – Male , Female
  Employee Ratings

THE "WOW" IN OUR SOLUTION

- Performance level
  IFS(Z8-5,"VERY HIGH" 28 -4,"HIGH",28>-3,"MED",TRUE, "LOW")

MODELLING

Data collection :

1). Department

2). Division

3). Job Function

4). Employee Classification

DATA CLEANING:

1). Start date

2). End date

PERFORMANCE LEVEL:

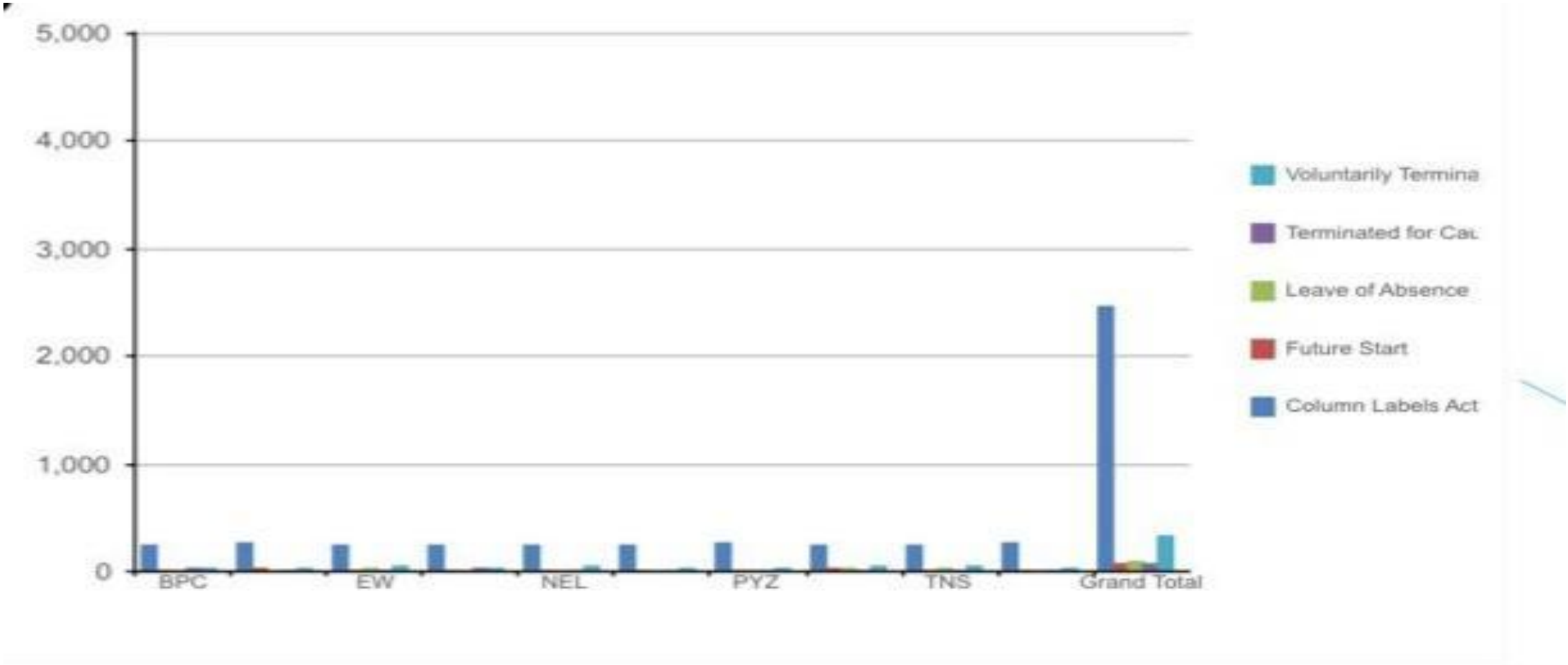
1). Very high

2). High

3). Medium

4). Low

RESULTS


5,000
4,000
3,000
2,000
1,000
0
BPC
EW
NEL
PYZ
TNS
Grand Total
Voluntarily Termina
Terminated for Cau
Leave of Absence
Future Start
Column Labels Act

CONCLUSION

- In conclusion, a thorough summary for a data analysis in a research study involves strategically synthesizing the key findings regarding each employee's performance level, highlighting their implications, and briefly outlining their contributions to the organization.