

## **EMPLOYEE DATA ANALYSIS USING EXCEL**

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# **PROJECT TITLE**

## **EMPLOYEE DATA 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**

- Track employee performance rating overtime
- Identify top performers and underperformers
- Analyze performance by department, job role, and other categories
- Visualize trends and correlations in performance data
- Enable filtering and drill-down capabilities for in-depth analysis

## **PROJECT OVERVIEW**

- **Effective employee performance management is crucial for organizations to achieve their goals and objectives.**
- **This project will involve collecting and cleaning employee performance data, designing and developing an interactive Excel dashboard, and creating a user guide and data dictionary for easy adoption.**

# WHO ARE THE END USERS ?

- HR Managers
- Department Heads
- Team Leads
- Line Managers
- Talent Management
- Business Analysts
- Executives



## OUR SOLUTION AND ITS VALUE PROPOSITION

- Conditional formatting – mission
- Filter-Remove
- Formula – performance
- Pivot-summary
- Graph-data visualization

**Conditional formatting:** Our Excel based Employee performance Analysis Solution utilizes Conditional formatting to provide a clear and intuitive visualization of Employee performance data.

**Filter – Remove:** By incorporating filtering and removal capabilities, our solution empowers HR managers and leaders to efficiently analyze and visualize employee performance data, driving informed decision-making and business success.

**Formula – performance:** By leveraging formulas and performance metrics in Excel, our solution provides a powerful and efficient tool for employee performance analysis enabling HR managers and leaders to make informed decisions and drive business success.



**Pivot- summary:** By leveraging pivot tables and summary reports in Excel, our solution provides a powerful and flexible tool for employee performance analysis, enabling HR managers and leaders to Make informed decisions and drive business success.

**Graph-data visualization:** By leveraging graphs and data visualization in excel our solution provides a powerful and intuitive tool for employee performance analysis, enabling HR managers and leaders to Make informed decisions and drive business success.

## **DATASET DESCRIPTION**

Employee=kaggle

26-features

9-features

Emp id-num

Name-text

Name-text

Emp type

Performance level

Gender- male female

Employee rating-num

0

## THE “WOW” IN OUR SOLUTION

Performance level: =IFS(Z4>=5,"VERY  
HIGH",Z4>=4,"HIGH",Z4>=3,"MED",TRUE,"LOW")



# MODELLING

## Data collection

- 1) kaggale
- 2) Search employment performance dataset
- 3) Then download Employmen data

## Feature collection

- 1) Feature identify
- 2) colour filled blank values

## Data cleaning

- 1) Missing values identify
- 2) Missing values filterout

### Performance level

- 1) Calculate performance level
- 2) Using formula

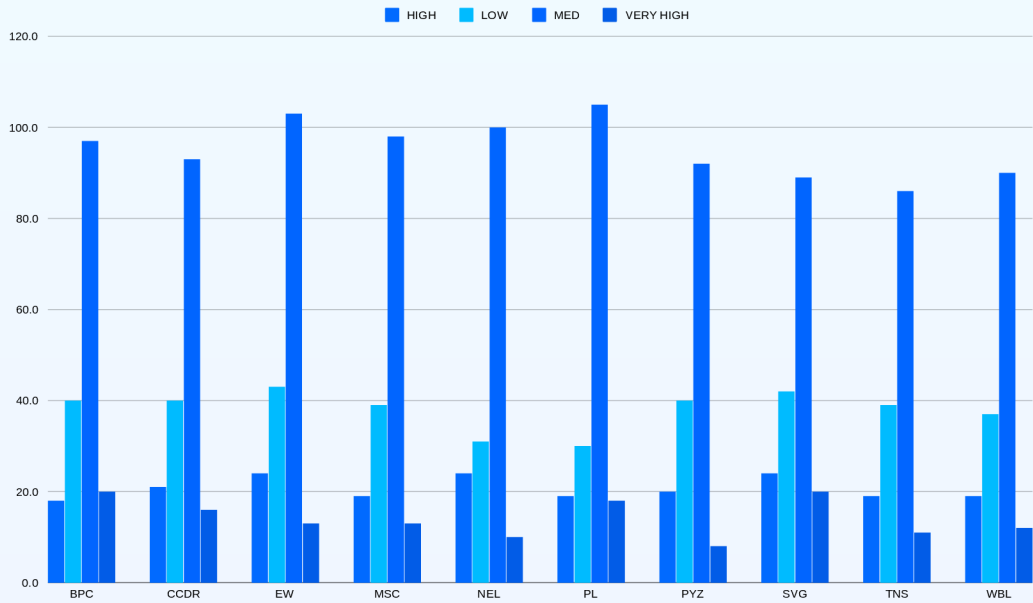
### summary

- 1) open pivot table.
- 2) drag rows, cols, filters, values respectively businessunit, performance level, gender code, count of first name.
- 3) remove the blank option.

### visulazation

- 1) put recommended graph
- 2) filterout the linear and exponential features
- 3) To get pie chart for our reference.

# RESULT



# RESULT

# CONCLUSION

Analyzing the employment performance dataset provides valuable insights into employee productivity, efficiency, and overall contribution to organizational goals.

Graphs play a crucial role in visualizing the data and useful for comparing individual employee performances.