

# Employee Data Analysis Utilizing Excel

- STUDENT NAME: D. KOMATHI
- REGISTER NO: 312206322
- DEPARTMENT: B.COM ( ACCOUNTING AND FINANCE)
- COLLEGE: SSKV COLLEGE ARTS & SCIENCE FOR WOMEN



# 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.



**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

}

# 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

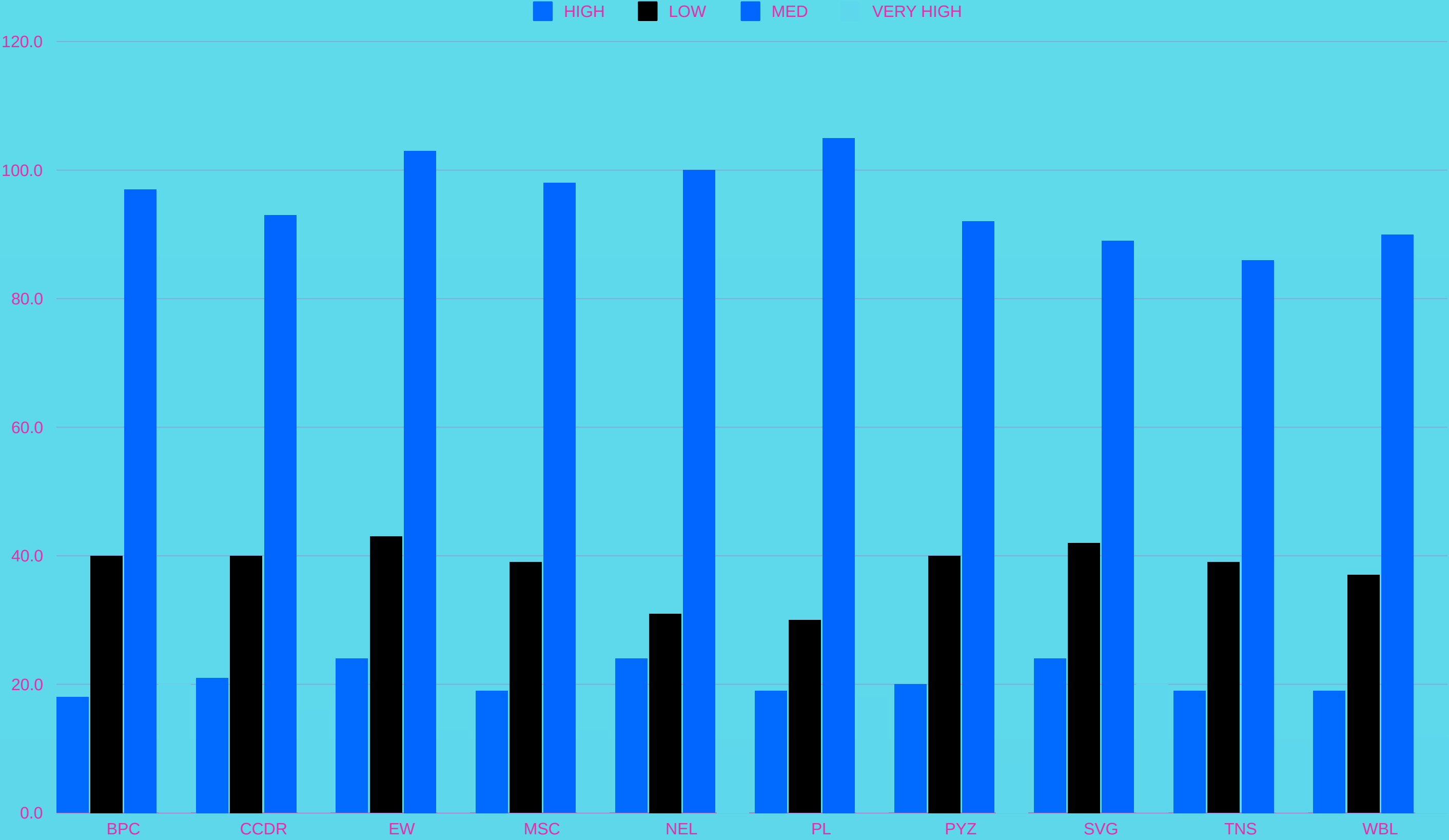
1. Open pivot table.
2. Drag rows, columns, filters, values respectively: business unit, performance level, gender code, count of first name.
3. Remove the blank option.

## Visualization

1. Put recommended graph
2. Filter out the linear and exponential features

To get pie chart for our reference.

# 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.



