EMPLOYEE DATA ANALYSIS USING EXCEL

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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

1. Track employee performance rating overtime

2. Identify top performers and underperformers

3. Analyze performance by department, job role, and other categories

4. Visualize trends and correlations in performance data

5. 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

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 Employment data

Feature collection
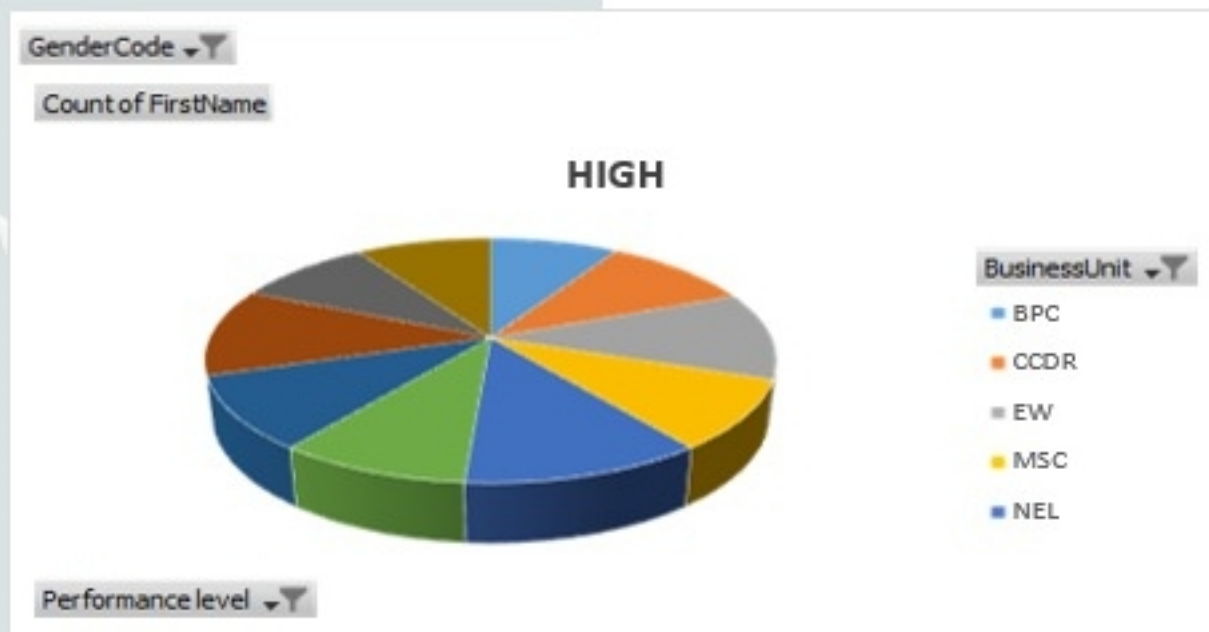
1) Feature identify

2) colour filled blank values

Data cleaning

1) Missing values identify

2) Missing values filterout

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.

Thank you