Employee Data Analysis using Excel
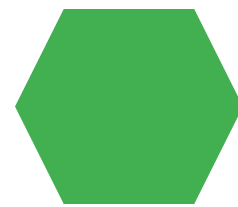
STUDENT NAME: Dakshita K
REGISTER NO: 312220160
DEPARTMENT:B.com (A&F)
COLLEGE: Jeppiaar College of arts and science

PROJECT TITLE

Employee Performance Analysis using Excel

AGENDA

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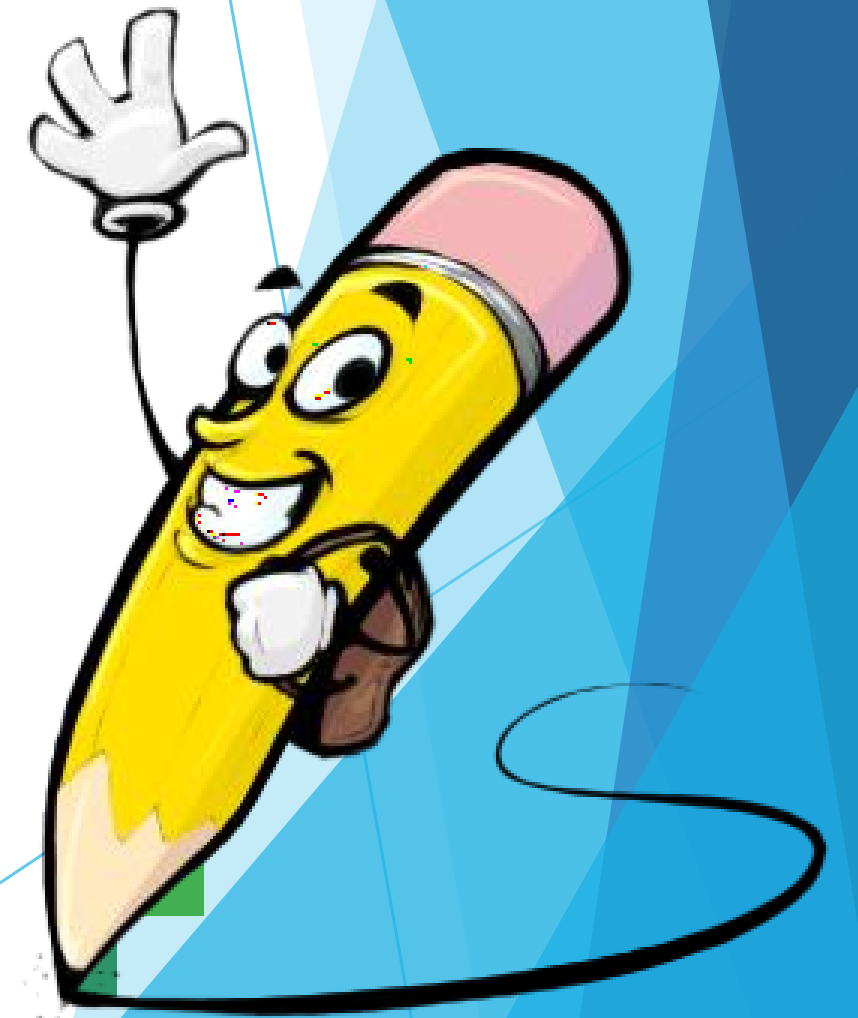7. Results and Discussion
8. Conclusion

PROBLEM STATEMENT

"You have been assigned the task of analyzing employee performance within a company using Excel. The dataset includes employee names, departments, key performance indicators (KPIs), and performance ratings. Your objective is to calculate metrics like average performance ratings, total sales, or other relevant KPIs. Visualize the data using charts and graphs to spot performance trends. Employ PivotTables for in-depth analysis and develop a dashboard for a comprehensive overview. Ensure to keep the analysis updated with the latest data.

PROJECT OVERVIEW

Create columns for employee names, departments, KPIs, and performance ratings. Use Excel functions to calculate metrics like average performance ratings and total sales. Visualize the data with charts and graphs to identify trends. PivotTables can help you analyze the data in more detail. Finally, create a dashboard to present a comprehensive overview of the employee performance analysis. Remember to update the data regularly for accurate insights.

WHO ARE THE END USERS?

The end users of the Employee performance analysis using Excel could be Human Resources (HR) managers, department heads, team leaders, or company executives. These individuals would benefit from the insights gained through the analysis to make informed decisions regarding employee development, training, promotions, and overall performance management within the organization.

OUR SOLUTION AND ITS VALUE PROPOSITION

The solution of Employee performance analysis using Excel offers several value propositions. It provides a systematic and organized way to evaluate employee performance based on key metrics and KPIs. By utilizing Excel's functions and tools, it enables easy calculation of performance indicators, visualization of data through charts and graphs, and in-depth analysis using PivotTables. The value lies in the ability to identify trends, strengths, and areas for improvement in employee performance, leading to data-driven decisions on training, promotions, and overall workforce management. The regular updating of data ensures that the analysis remains current and relevant, providing valuable insights for HR managers, department heads, and company executives.

Dataset Description

Employee data set-Kaggle
26 Features
Feature-9 Features
Emp id
Gender-male, female
 Performace Business unit
Name
Rating-numerical

THE "WOW" IN OUR SOLUTION

The wow factor of our solution for Employee performance analysis using Excel is the ability to efficiently and effectively analyze large amounts of employee data to derive meaningful insights. By leveraging Excel's functionalities, we can easily calculate performance metrics, create visualizations that highlight trends, and generate interactive dashboards for comprehensive analysis. This wow factor lies in the simplicity and power of Excel to transform raw data into valuable information that can drive strategic decision-making within the organization.
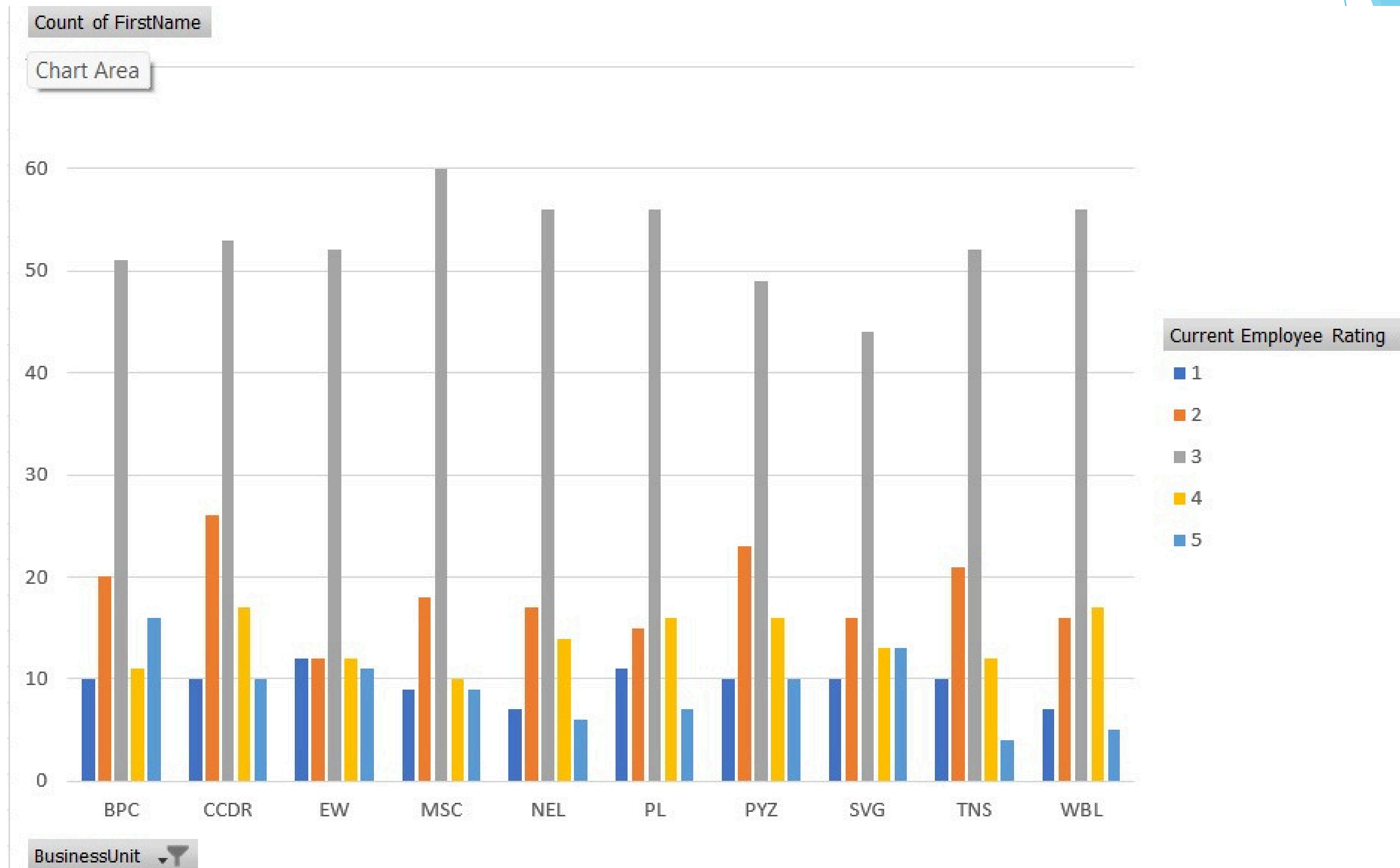
MODELLING

Data Collection
 Data cleanings
techniques
 Results
 Pivot table
Cahrt graphs

RESULTS

conclusion

Based on the employee performance analysis conducted using Excel, the conclusion drawn is that Excel is a powerful tool for evaluating and understanding employee performance within an organization. Through data organization, calculation of key metrics, visualization of trends, and creation of interactive dashboards, Excel enables a comprehensive analysis of individual and overall performance. The insights gained from this analysis can guide decision-making processes related to employee development, recognition, and strategic workforce planning. Excel's versatility and capabilities make it an invaluable asset for enhancing performance management practices and driving organizational success.