



# Employee Data Analysis using Excel

STUDENT NAME:HARISH V

REGISTER NO:312211955


DEPARTMENT:COMMERCE

COLLEGE:MAR GREGORIOUS COLLEGE OF ARTS AND  
SCIENCE



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**PROJECT TITLE**



# **Employee Performance Analysis using Excel**



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# AGEND

# A

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



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# PROBLEM STATEMENT

To systematically evaluate and improve employee performance within an organization by leveraging Microsoft Excel as a tool for data analysis. The goal is to develop a comprehensive performance analysis model that facilitates data-driven decision-making and supports the organization's objectives of enhancing employee productivity and satisfaction.



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# PROJECT OVERVIEW



Develop a Performance Analysis Framework

Build Analytical Tools

Enhance Data Visualization

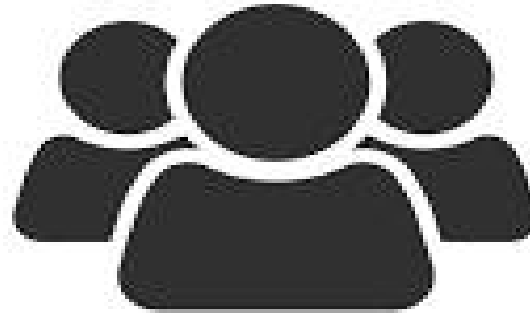
Provide Actionable Insights



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# WHO ARE THE END USERS?

- EMPLOYEE
- EMPLOYER
- MANAGER



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# OUR SOLUTION AND ITS VALUE PROPOSITION



Conditional formatting  
Filter-remove  
Formula-performance  
Pivot-summary  
Graph-data visualization



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# Dataset Description

- employee=-Kaggle
- 26-features
- 9-features
- Employee id-num
- Name-text
- Employee type
- gender-male female
- employee rating-num



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# THE "WOW" IN OUR SOLUTION



PERFORMANCE=IFS(Z1>=5,"VERYHIGH",Z1>=4,"HIGH",Z1>=3,"MED",TRUE,"LOW")



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# MODELLIN G

## 1. Data Collection:

- **Sources:** Performance reviews, KPIs, attendance records, productivity metrics, and feedback.
- **Process:** Gather and compile data into a structured format.

## 2. Feature Collection:

- **Features:** Employee ID, department, job title, performance ratings, sales figures, project metrics, attendance, productivity, peer reviews, and self-assessments.

## 3. Data Cleaning:

- **Tasks:** Validate data accuracy, standardize formats, normalize values, remove duplicates, and correct errors.

## 4. Performance Level:

- **Assessment:** Define metrics, calculate performance scores, categorize levels, and analyze trends to identify high and low performers.

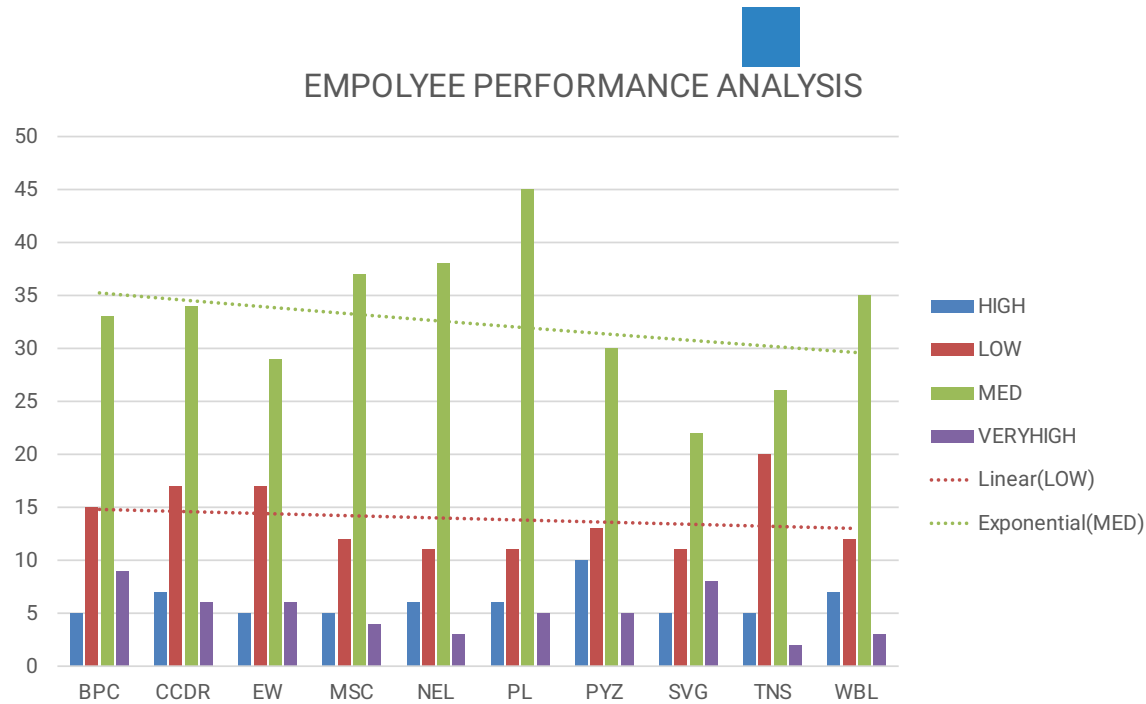
## 5. Summary:

- **Overview:** Summarize key findings, visualize data with charts and dashboards, and provide actionable recommendations for improvement.



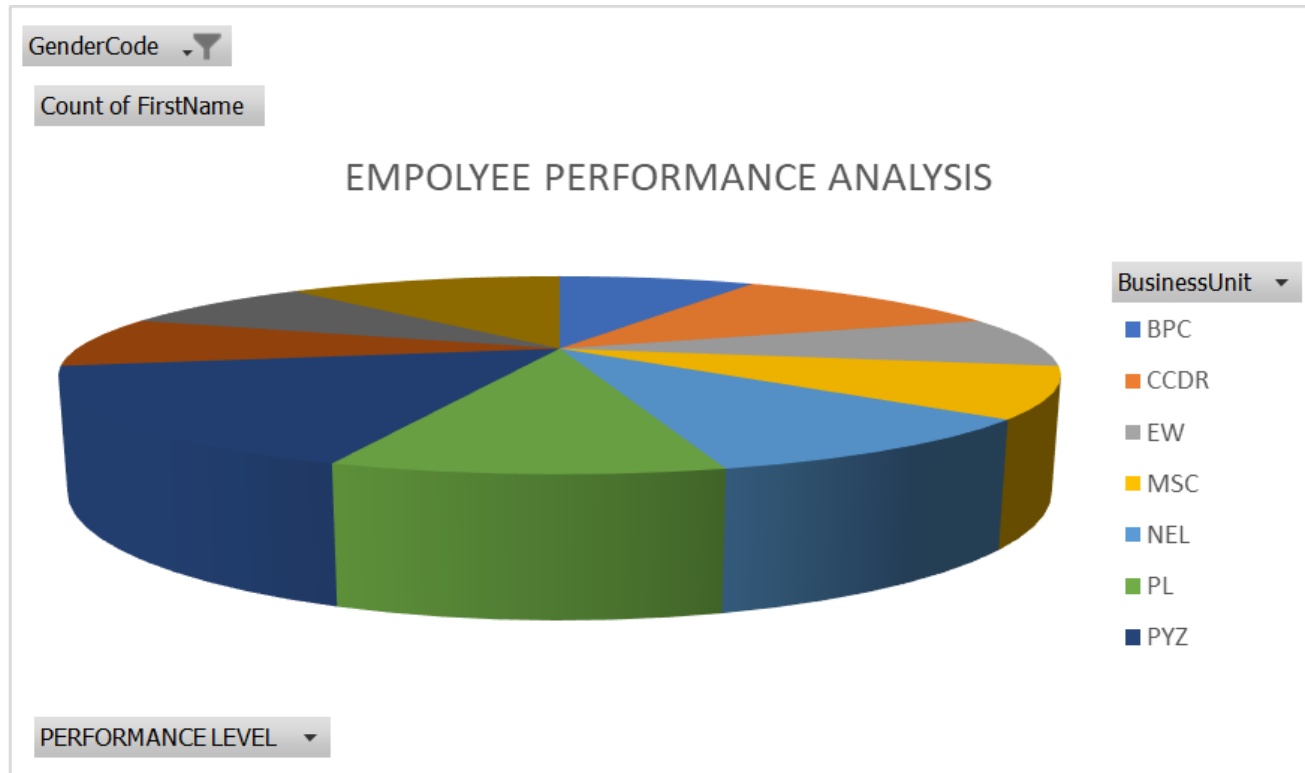
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# RESULTS



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# RESULT



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# conclusion

The "Employee Performance Analysis using Excel" project successfully leverages Microsoft Excel to provide a detailed, data-driven approach to evaluating and improving employee performance. By systematically collecting, cleaning, and analyzing performance data we executed the project.



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