

# Employee Data Analysis using Excel

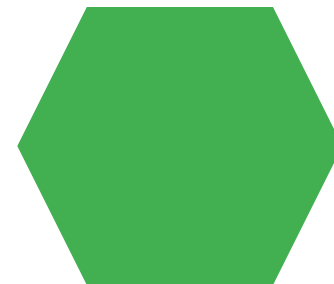


**STUDENT NAME : CHITHRA.J.D**

**REGISTER NO : 312219595(asunm1715)**

**DEPARTMENT : B.COM ( GENERAL)**

**COLLEGE NAME : THALAPATHY K.VINAYAKAM WOMEN'S  
ARTS AND SCIENCE COLLEGE**



**PROJECT TITLE**

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# **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

As a result, we need a comprehensive employee performance analysis framework to:

1. Accurately measure and track employee performance metrics.
2. Identify correlations between performance and factors like training, engagement, and demographics.
3. Develop targeted interventions to enhance employee growth and productivity.
4. Inform data-driven decisions on talent management, promotions, and resource allocation“.



# PROJECT OVERVIEW

Our organization seeks to develop a comprehensive employee performance analysis framework to drive data-informed decisions, improve productivity, and enhance talent development. This project aims to:

- \*Collect and integrate relevant employee data from various sources (HR systems, performance reviews, training records, etc.)
- \* Develop a performance metrics framework to measure employee productivity, quality, and growth
- \*Analyze key drivers of employee performance, including training, engagement, demographics, and more
- \* Identify areas for improvement and develop targeted interventions to enhance employee growth and productivity
- \* Create data visualizations to communicate insights to stakeholders and facilitate decision-making.



# WHO ARE THE END USERS?

1. Employee
2. Manager
3. Industry
4. Employer



# OUR SOLUTION AND ITS VALUE PROPOSITION



- \*Conditional formatting –missing
- \*Filter– remove
- \*Formula –performance level
- \*Pivot table–summary
- \*Graph –Data visualization



# Dataset Description

Employee data set –download by  
KAGGLE

26 features –9 features taken

employee id ,numerical value , first  
name ,last name –text,

employee type –performance level



# THE "WOW" IN OUR SOLUTION



=IFS(Z8>=5,"VERY  
HIGH",Z8>=4,"HIGH",Z8>=3,"MEDIUM",TRUE,"LOW")



# MODELLING

## **Data collection**

\*KAGGLE\_download

\*EDUNET\_download

## **Features collection**

\*identify the feature in excel

## **Data cleaning**

\*missing value \_ identifying excel

\*missing value \_ filter out by COLOUR

## **Performance level**

\*formula using \_ high & low

## **Pivot table**

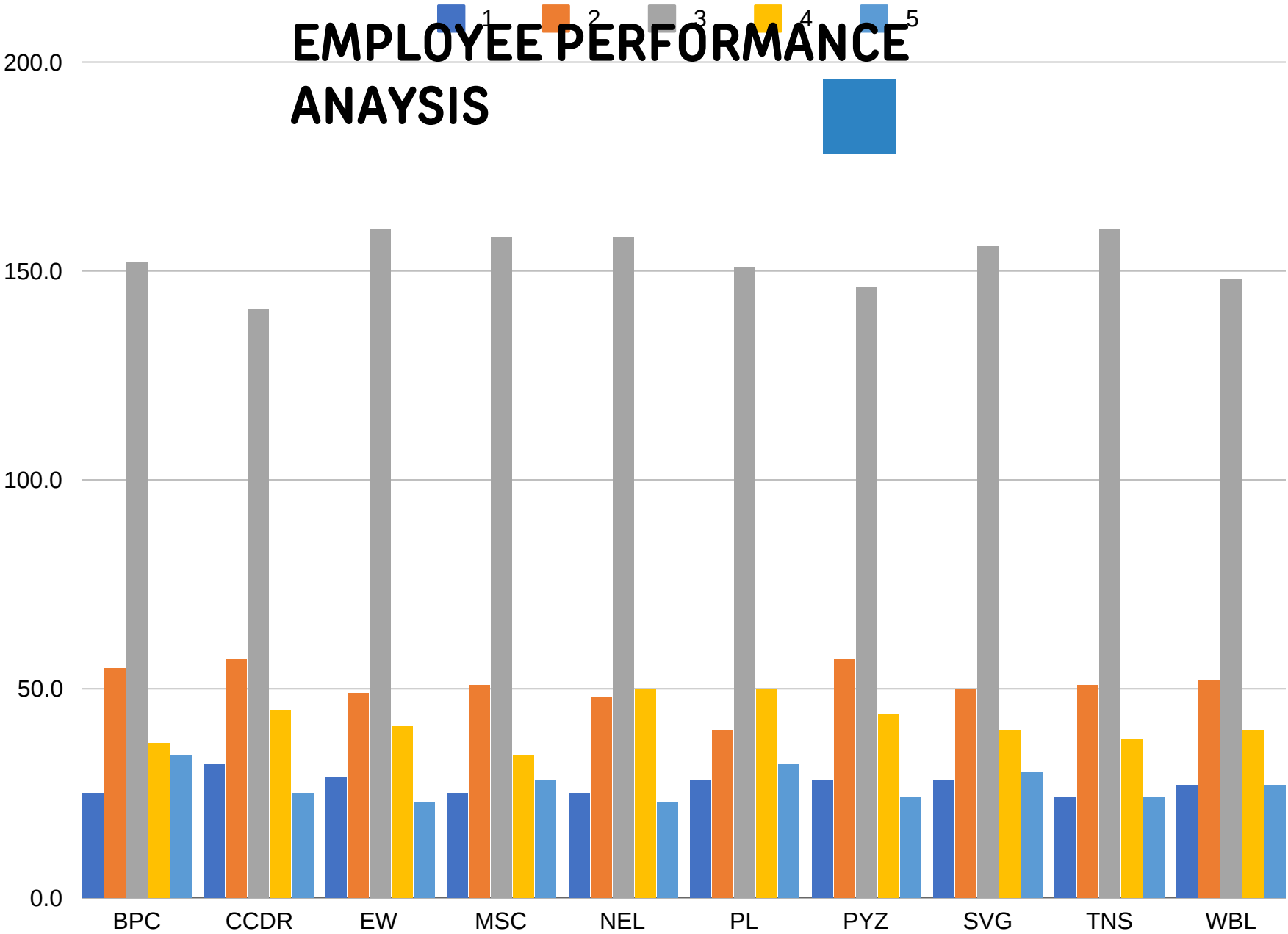
\*summarized & visualized

## **Result**

\*graph

# RESULT

## S



# conclusion

THE EMPLOYEE PERFORMANCE ANALYSIS THE PROJECT HAS PROVIDED VALUABLE INSIGHTS INTO THE KEY DRIVERS OF EMPLOYEE PRODUCTIVITY, GROWTH, AND RETENTION WITH IN OUR ORGANISATION .BY LEVERAGING DATA ANALYTICS & VISUALISATION TECHNIQUES ,WE HAVE IDENTIFIED AREAS FOR IMOROVEMENT & DEVELOPED TARGETED INTERVENTIONS TO ENHANCE EMPLOYEE PERFORMANCE.