

# Employee Data Analysis using Excel

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#### **PROJECT TITLE**



### **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



### **PROBLEMSTATEMENT**

Analysing current employee rating is essential for tracking performance trends and ensuring alignment with company objetives. Regular analysis can improve employee engagement by addressing potential issue early, leading to a more motivated and productive work force.



## PROJECT OVERVIEW

- •. TOTAL EMPLOYEES: The dataset includes 1038 employees across various business units
- AVERAGE RATINGS: The overall average rating is 2.95
- HIGHEST AVERAGE RATING : SVG (3.03)
- LOWEST AVERAGE RATING: TNS (2.79)



#### WHO ARE THE END USERS?

- 1. HUMAN RESOURCE
- 2. MANAGEMENT
- 3. EMPLOYEE DEVELOPMENT TEAM
- 4. BUSINESS UNIT HEAD
- 5. IT SECTORS
- 6. INDUSTRY
- 7. FIRMS
- 8. EMPLOYEE
- 9. EMPLOYER

# OUR SOLUTION AND ITS VALUE PROPOSITION



- 1. Filtering: focus on targeted analysis, remove errors etc.
- **2. Conditional formatting**: visual insights ,quick analysis, error deduction etc,.
- **3. Pivot table and graphs:** data summarization, filtering, multiple chart types, flexibility.

#### **Dataset Description**

```
EMPLOYEE DATA SET – KAGGLE
FEATURES:

Employment id

Gender – M AND F

Business unit

name

rating

graphs

charts
```

# THE "WOW" IN OUR SOLUTION

#### FEATURES AND FUNTIONALITY IN MY DATA SET:

- 1. DATA SUMMURAZITION
- 2. AGGREGATION
- 3. CATEGORY BREAKDOWN
- 4. RATING DISTRIBUTION

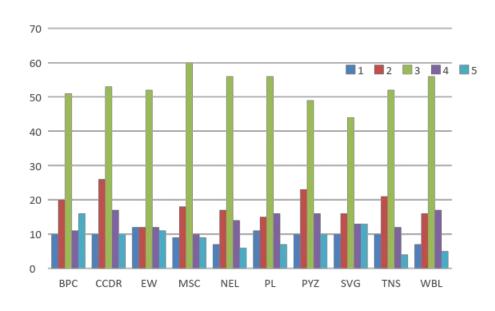


### **MODELLING**

Descriptive analytics
Predictive modelling
Regression analysis
Classification
Time series analysis
Decision trees



#### **RESULTS**



#### conclusion

The current employee rating analysis reveals difference in rating between business units and suggests evolution standards. To draw more accurate conclusions, the data requires cleaning in proper formatting. Once addressed a more detailed analysis pinpointing specific areas is presented.