

# Employee Data Analysis using Excel



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**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



- . Utilize Excel to efficiently analyse employee data by leveraging Function such as PIVOT TABLES, and conditional formatting.
- . The enables the identification of key trends, such as current Employees rates, performance levels.  
Decision-making processes by visualization this data through Pie chart



# PROJECT OVERVIEW

- . This project focuses on analysing employee data to identify trends and And insights that can drive better decision.

Excel will be used to clean, organize, and visuzalise kry metrics such as Employee demographics, performance, and rention rates.

The analysis will highlights areas of improvemnet in workforce management Helping to optimize resource allocation.

Outcomes will iclude detailed reports and dashboard for management Review.

The finding aim to support stratergic planning.



# WHO ARE THE END USERS?



The end users of the employee data employee data analysis are HR Managers team leads and senior management.



# OUR SOLUTION AND ITS VALUE PROPOSITION



Conditional formatting – highlights missing cells



Filter – helps to remove the empty cells

Formulas – helps to identify the performance of employees

Pivot table – helps summarize

Pie chart – shows the data



# Dataset Description

1. Employee ID
2. First name
3. Gender
4. Start date
5. Salary
6. Department
7. FTE
8. Employee Type
9. Work location



# THE "WOW" IN OUR SOLUTION



Performance level

=IFS(Z8>=5,"VERYHIGH",Z8>=4,"HIGH",  
Z8>=3,"MED",TRUE,"LOW")



# MODELLING

## DATA COLLECTION

- \*Identification
- \*Gathering
- \*Preparation

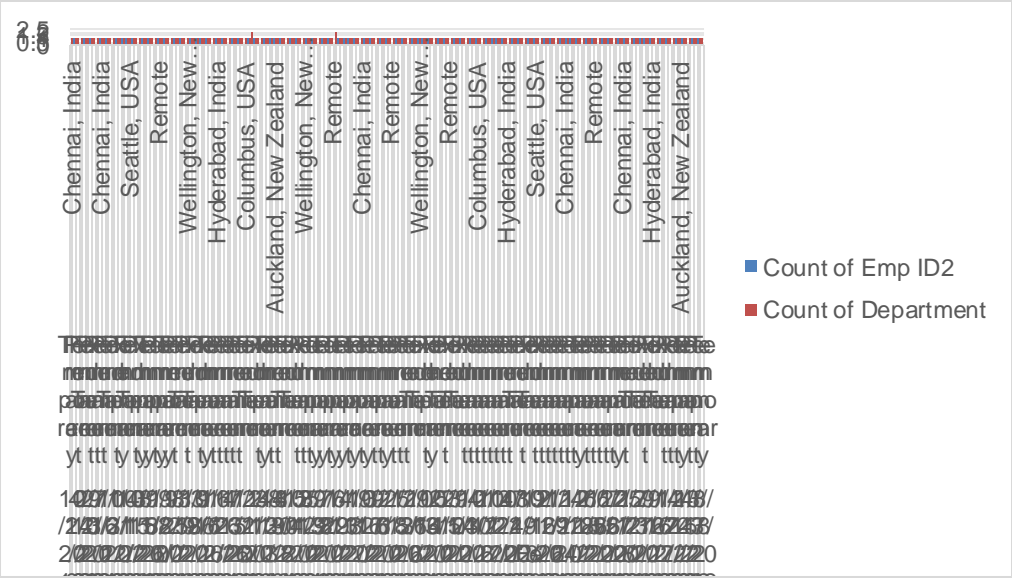
## DATA CLEANING

- \*Standardization
- \*Correction
- \*Validation

## SUMMARY

Data analysis involves examining, transforming, and modeling data to Extract insights , identify patterns, and support decisions-making.

# RESULTS



# conclusion

\* IN CONCLUSION, the employee data analysis conducted using Excel Provided valuable insights into workforce trends enabling more Informed decision-making.

The use of Excel allowed efficient data organization, visualization and reporting, ultimately helping to enhance HR strategies, improve and employee satisfaction and optimize overall organizational performance.