

# Employee Data Analysis using Excel

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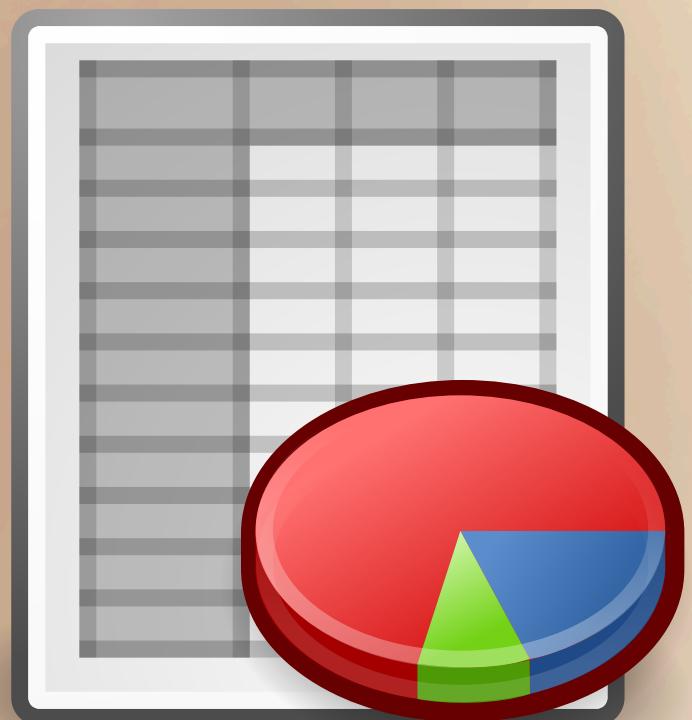
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# PROJECT TITLE

Employee performance Analysis  
Through Excel Data Modeling



# 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

The HR department of a large organization is facing challenges in analyzing employee performance data, which is scattered across multiple spreadsheets and systems. The current process is manual, time-consuming, and prone to errors, making it difficult to identify top performers, areas for improvement, and trends in employee performance.



# PROJECT OVERVIEW

The objective of this project is to design and implement an Excel-based data modeling solution to analyze employee performance data, providing insights and recommendations to improve HR decision-making.



# WHO ARE THE END USERS?

- HR Managers
- Department Heads
- Senior Leadership
- Employees



# OUR SOLUTION AND ITS VALUE PROPOSITION

We propose a comprehensive Excel-based data modeling solution that integrates employee performance data from various sources, providing a single, unified view of employee performance.

The solution will enable HR managers and department heads to

Analyze employee performance trends and patterns

- Identify top performers and areas for improvement
- Develop targeted training and development programs
- Inform HR decisions with data-driven insights



# Dataset Description

Employee ID

- Department

- Job Title

- Performance Ratings (1-5)

- Salary

- Tenure

- Training and Development Programs

- Performance Metrics (e.g., sales, customer satisfaction)



# THE "WOW" IN OUR SOLUTION

**Predictive Performance Insights"**



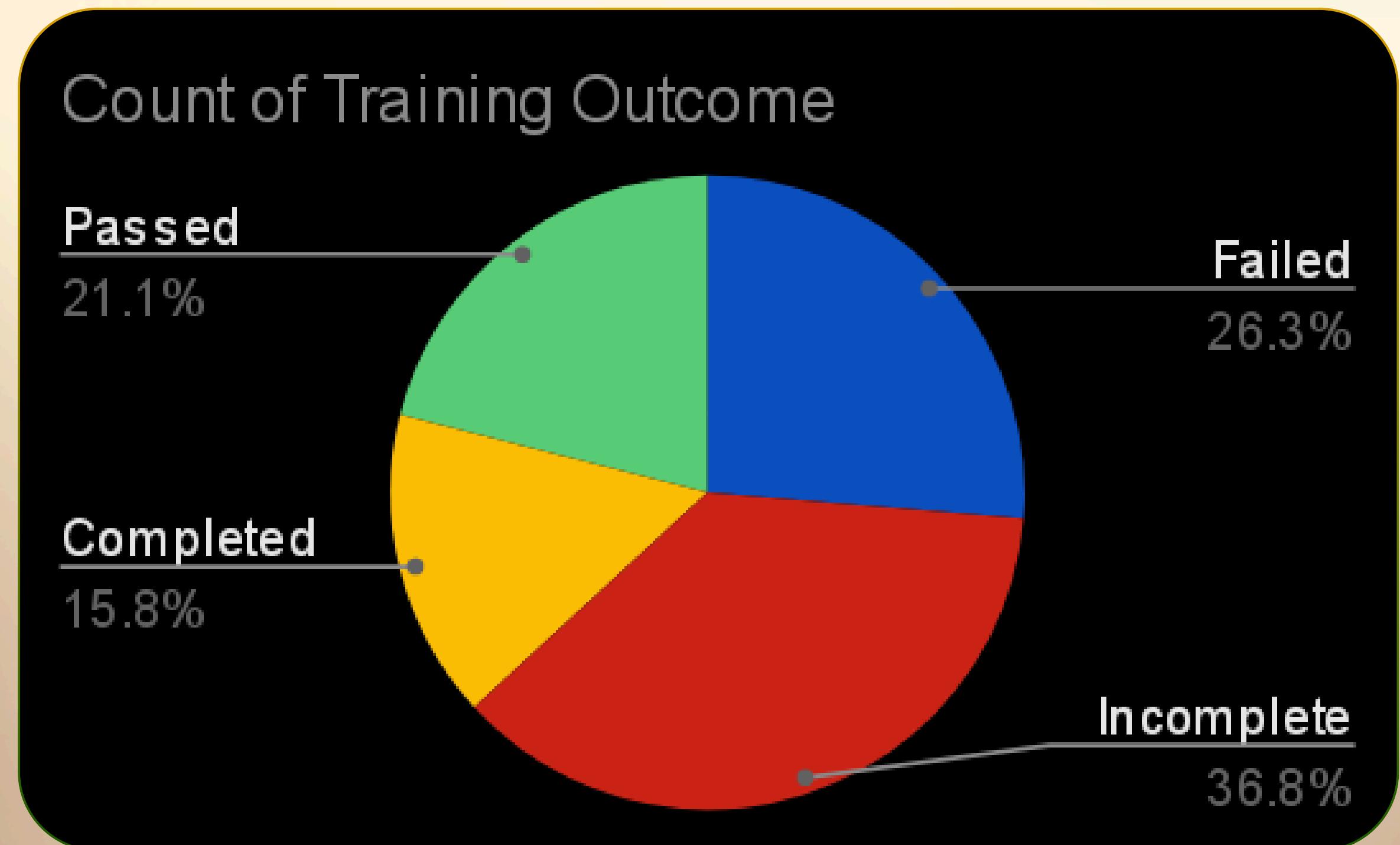
# MODELLING

We will use a combination of Excel data modeling techniques, including:

- Data consolidation and cleaning
- charts like bar diagram and pie chart
- Conditional formatting and dashboard design
- Regression analysis and forecasting
- Data visualization and storytelling

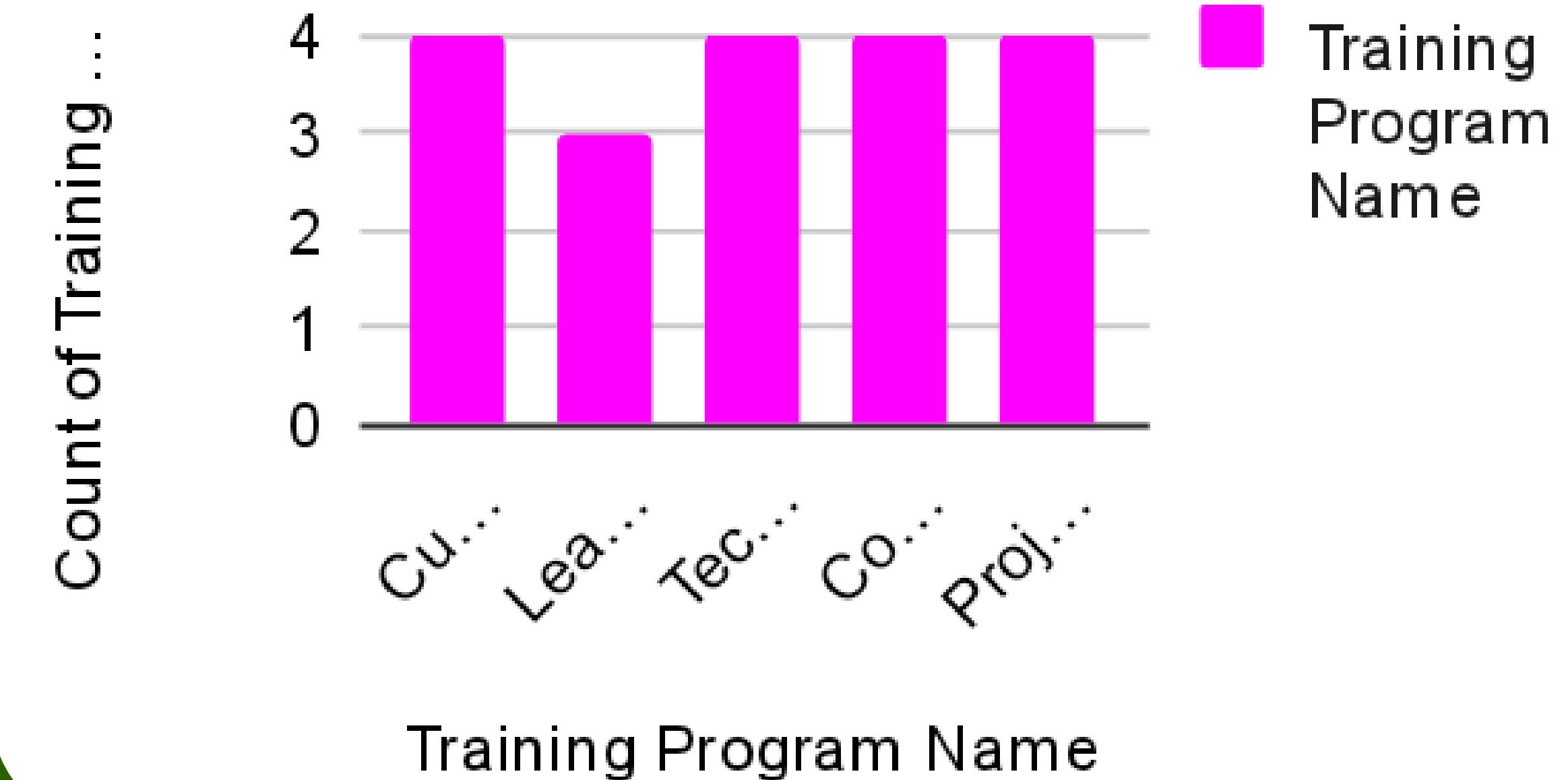


# Result



# Result

Count of Training Program Name



# Conclusion

The Excel-based data modeling solution provides a powerful tool for HR managers and department heads to analyze employee performance data, making informed decisions to improve organizational performance.

The solution is scalable, flexible, and easy to maintain, ensuring a sustainable impact on HR decision-making.

