

# Employee Data Analysis using Excel



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**PROJECT TITLE**



# **Employee Department Analysis using Excel**



# AGENDA

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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 company needs to analyse inconsistent employee performance across department . Using Excel, this analysis will consolidate data . apply key metrics, and provide insightsto improve productivity and inform management decision



# PROJECT OVERVIEW

this project involves using excel to analyse employee preformance data, identify trends. and provide actionable insights to improve productivity and guide management decision



# WHO ARE THE END USERS?

**HR Managers:** To track and evaluate employee performance

**Department Heads :** To identify team strengths and areas for improvement

**senior management :** To make data - driven decision on workforce development and incentives.

**Employee :** to receive feedback and understand performance expectations.

# OUR SOLUTION AND ITS VALUE PROPOSITION

## Our Solution :

An excel tool for consolidating and analyzing employee preformance data.

## Value employee :

provides actoinable insights to enhance productivity and inform managenent decision

# Dataset Description

The dataset includes key metrics like Employee ID, Department, Job Title, Hire Date, Performance Scores, KPIs, Attendance, Training Hours, Customer Feedback, and Manager's Notes, essential for analysing employee performance.



# THE "WOW" IN OUR SOLUTION

our Excel -based tool transforms scattered performance data into powerful insights with minimal effort it efforts instant , clear visual and actionable recommendations, making performance management not just efficient ,bus strategic and impactful



# MODELLING

- 1 . DATA : organize metrics per employee
- 2 . ANALYSIS : use pivot tables and basic state
- 3 . MODELING : apply regression or trend analysis
- 4 . VISUALIZE : create charts and dashboards.
- 5 . REPORT : summarise insights and action .

# RESULTS

Insights : performance trends and patterns.

predictions: Future performance forecasts. Visuals : charts and  
dashboards . recommendations : Actionable performance improvement



# conclusion

Excel modeling reveals performance trends ,  
forecasts future outcomes , and supports  
data- driven improvement