

# 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



*Our organization lacks a clear understanding of our current performance levels, trends, and drivers. We need to analyze our performance data to:*

- Identify areas of strength and weakness*
- Understand the impact of our initiatives and interventions*
- Inform strategic decisions and drive improvement*
- Optimize resource allocation and enhance productivity*

# PROJECT OVERVIEW

“Performance Data Analysis Project:

- *Objective: Inform decisions & drive improvement*
- *Scope: Collect & analyze performance data*
- *Deliverables: Report, visualizations, recommendations*
- *Timeline: 9 weeks*
- *Team: Lead, analyst, stakeholder, visualization.*





# WHO ARE THE END USERS?



*Business Leaders  
Department Heads  
Product Managers  
Process Owners  
Quality Managers  
Strategic Planner  
Operational Teams  
Financial Analysts*

*Investors These stakeholders use performance data analysis insights to inform decisions, optimize processes & drive improvement.”*



# OUR SOLUTION AND ITS VALUE PROPOSITION



*"Performance Data Analysis Platform*

*Unlock data-driven insights- Inform strategic decisions-  
Enhance productivity- Improve accountability- Drive  
growthUser-friendly, advanced analytics, scalable & secure.  
Empower data-driven decisions & sustainable success."*

# Dataset Description

*EMPLOYEE DATASET: KAGGLE*

*26 FEATURES*

*USED ONLY 9 FEATURES*

*EMPLOYEE ID \_ NUMERICAL*

*FIRST NAME \_ TEXT*

*LAST NAME \_ TEXT*

*EMPLOYEE TYPE \_ PART TIME, FULL TIME*

*GENDER CODE \_ MALE, FEMALE*

*PERFORMANCES SCORE \_ PERFORMANCE RATING*

*PERFORMANCE LEVEL \_ VERA HIGH, HIGH, MED*



# THE "WOW" IN OUR SOLUTION



*PERFORMANCE LEVEL: =IFS(Z2>=5,Z2>=4,Z2>3,"VERY HIGH","HIGH","MED")*



# MODELLING

Dataset.    \_ Employee dataset

Features.    \_Employeeid ,name, business type, Gender,  
Performance level

Conditional Formatting \_highlighting the cells

Grading \_ Performance level

Table \_ pivot table

Graph \_ Result

# RESULTS



# conclusion

*“In conclusion, our Performance Data Analysis Platform empowers organizations to make data-driven decisions, optimize performance, and drive growth. With user-friendly analytics and expert support, unlock your potential for success!”*

*“Empower data-driven decisions and growth with our Performance Data Analysis Platform.”*

