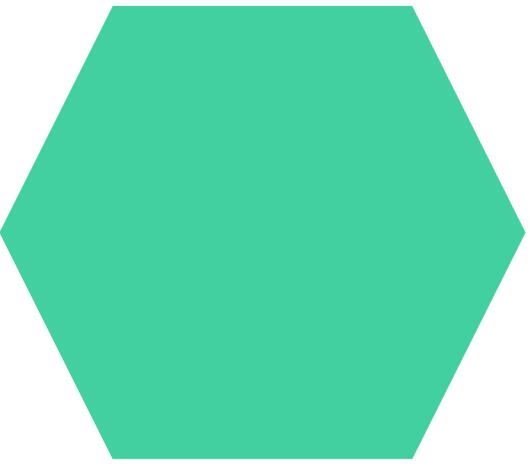
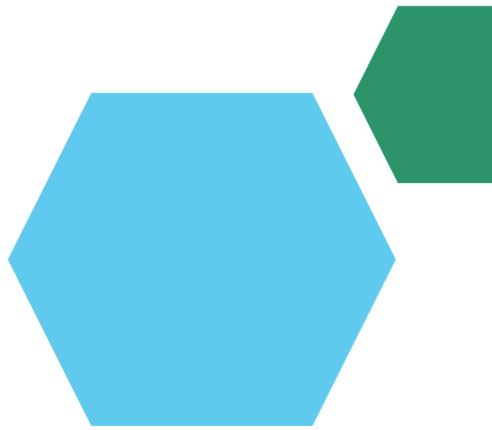


# Employee Data Analysis using Excel

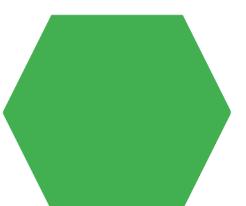


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# PROJECT TITLE

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

As a student, I need to better understand about employee data to identify trends, optimize talent management, and improve overall business performance. However employee data is currently scattered across multiple sources and we lack a comprehensive analysis framework to extract actionable insights.



# PROJECT OVERVIEW

- 1. Data collection and cleaning.
- 2. Performance metric definition and calculation
- 3. Excel model design and development
- 4. Dashboard creation and visualization
- 5. Testing, validation, and refinement



# WHO ARE THE END USERS?

Employer  
Employee  
Organisation  
Different industries  
IT sector



# OUR SOLUTION AND ITS VALUE PROPOSITION



- Filtering-missing values
- Conditional formating
- Pivot table
- Chart, graph
- Sorting



# Dataset Description

Employee data set- kaggle

26 features

feature-9 features

employee ID

Gender-male,female

Performance

Business unit

name

rating- numerical

# THE "WOW" IN OUR SOLUTION



1. Automated data visualization
2. Customizable performance metrics
3. Predictive analytics
4. Employee benchmarking
5. Personalized development plans
6. Real-time feedback and coaching



# MODELLING

- Model 1: Simple performance scorecard
- Model 2: Performance matrix
- Model 3: Trend analysis
- Model 4: correlation analysis
- Model 5: Predictive analysis
- Model 6:Employee benche marketing

# RESULTS

Results provide a data-driven understanding of employee performance, highlighting strengths, weakness, and area for improvement. By leveraging these insights, organization can make informed decisions to optimize workforce Performance and drive Business success.

# Conclusion

In conclusion, the Employee Performance Analysis using Excel has provided a comprehensive and data-driven framework for evaluating and improving workforce performance. The analysis has:

1. Identified top performers and areas for improvement
2. Revealed performance trends and correlations
3. Forecasted future performance using predictive analytics
4. Benchmarked performance against company averages