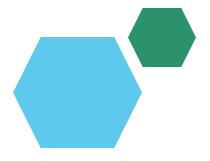
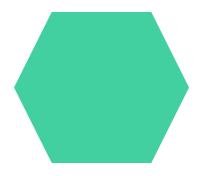
Employee Data Analysis using Excel





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PROJECT TITLE



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

I want to develop an Excel-based tool to analyze and evaluate employee performance metrics, including:



- 1. Collect and consolidate employee data and performance metrics
- 2. Develop a comprehensive excel dashboard for performance analysis



PROJECT OVERVIEW

- 1. Design a user-friendly Excel template for data input and analysis
- 2. .Develop formulas and calculations for performance scoring and weighting
- 3. Create visualizations (charts, graphs, tables) to display performance trends and insights



WHO ARE THE END USERS?

Project Managers: They use performance analysis to track project progress and ensure that team members are meeting their targets. Data Analysts: They may be involved in creating or refining the performance analysis in Excel to ensure accuracy and relevance.

OUR SOLUTION AND ITS VALUE PROPOSITION

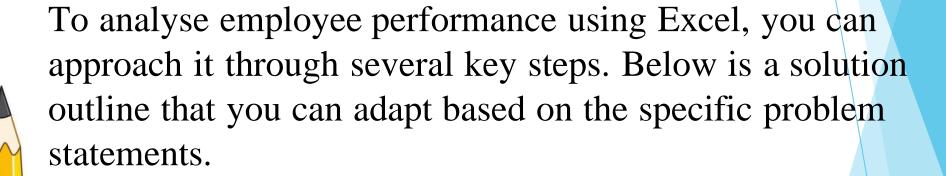


Ease of Use: Many organizations already use Excel, which minimizes the learning curve. It's user-friendly and familiar to most employees. Data-Driven Decisions: The solution helps in making informed decisions by providing clear, data-driven insights into employee performance.

Dataset Description

Employee ID: A unique identifier for each employee. Employee Name: Name of the employee. Department: The department in which the employee works. Position: The job title or role of the employee.

THE "WOW" IN OUR SOLUTION



Data Validation



MODELLING

Predictive Modeling: Train machine learning models (e.g., linear regression, decision trees, clustering) on historical data-Predict future performance based on trends and patterns Goal Setting and Tracking: Set SMART goals (Specific, Measurable, Achievable, Relevant, Time-bound) for employees Track progress toward goals and adjust predictions accordingly

RESULTS

Visualizations: Performance metrics and predicted scores displayed on a radar chart Goal progress tracked on a gauge chart Development recommendations listed in a table with actionable links

conclusion

Conclusion: The employee performance analysis using Excel project has successfully developed an automated system for evaluating employee performance, identifying areas for improvement, and providing data-driven recommendations for development and growth .