

Employee Data Analysis using Excel



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PROJECT TITLE

Employee Performance Analysis
using Excel

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- 6.Modelling Approach
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PROBLEM STATEMENT

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"Our organization lacks a comprehensive way to analyze and compare employee performance across various metrics, such as sales, project completion, and customer feedback. This limits our ability to make data-driven decisions for promotions, training, and resource allocation."



PROJECT OVERVIEW

"This project aims to develop an analytical model using Excel to assess employee performance. We will leverage various data manipulation techniques, PivotTables, functions, conditional formatting, Power Query, and visualizations to provide insights and improve decision-making processes."



WHO ARE THE END USERS?

HR Managers: To make informed decisions about promotions and training needs.

Team Leaders: To assess team performance and identify areas for improvement.

Executives: To understand overall performance trends and allocate resources

OUR SOLUTION AND ITS VALUE PROPOSITION



Solution: Implement an Excel-based performance

analysis tool that integrates data from multiple sources, applies various analytical techniques, and generates actionable insights.

Proposition: Use Excel's data manipulation, conditional formatting, PivotTables, and charts to

Dataset Description

Data Source: Employee performance data collected from sales reports, project tracking systems, and customer feedback surveys.

Key Fields: Employee Name, Sales Amount, Projects Completed, Customer Feedback Score, Attendance.

THE "WOW" IN OUR SOLUTION



•Our solution stands out by offering a highly integrated and interactive performance analysis tool that not only consolidates various performance metrics into a single, easy-to-navigate interface but also leverages advanced data manipulation techniques and dynamic visualizations. This allows managers to gain real-time insights into employee performance and make informed decisions swiftly, significantly improving the efficiency of performance evaluations and strategic planning.

MODELLIN

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Data Cleaning: Removed duplicates, handled missing values.

Performance Metrics: Calculated average sales, project completion rates, and feedback scores.

Formulas: Used functions like SUM, AVERAGE, and IF to compute performance scores.

RESULT S

Summary: Identified top-performing employees based on sales and feedback scores.

Trends: Noted patterns in performance over time or across different teams.

Insights: Found areas for improvement, such as employees with low performance in specific metrics.

conclusion

Findings: The analysis highlighted key strengths and weaknesses among employees, with actionable insights for targeted improvements.
Recommendations: Implement targeted training programs for underperforming employees, reward top performers, and continuously.

Thank you