Employee Data Analysis using Excel

STUDENT NAME: NAFIZA FATHIMA.N
REGISTER NO: 312207801
DEPARTMENT: COMMERCE DEPARTMENT
COLLEGE: THE QUAIDE MILLETH COLLEGE FOR MEN

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

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PROBLEM   STATEMENT

- Employee Performance Analysis in Excel involves evaluating the productivity, efficiency, and effectiveness of employees using various metrics. Here's a brief overview of how it can be approached:

PROJECT   OVERVIEW

- Collect and organize performance data for all employees.Define and calculate key performance indicators (KPIs) such as productivity, efficiency, and quality.Analyze data to identify high and low performers.Generate insights and recommendations for performance improvement.

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WHO ARE THE END USERS?

HR Department:To identify training needs, manage talent, and design incentive programs based on performance data.Department Managers:To monitor team performance, provide targeted feedback, and make informed decisions on promotions or reassignments.

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OUR SOLUTION AND ITS VALUE PROPOSITION

We provide a comprehensive Employee Performance Analysis solution using Excel, where we systematically collect, organize, and analyze employee performance data.

Customizable Insights: Tailored KPIs and dashboards that meet the specific needs of different departments and roles.

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Dataset Description

Employee Information:Employee ID, Name, Department, Job Role, Date of Joining.Performance Metrics:Productivity: Number of tasks/projects completed, sales achieved, targets met.Efficiency: Time taken to complete tasks, hours worked, overtime.Quality: Error rates, customer feedback scores, quality of output.Attendance: Days present, leaves taken, punctuality records.

THE "WOW" IN OUR SOLUTION

Interactive Dashboards: Dynamic, visually appealing dashboards that provide real-time insights at a glance, without needing advanced technical skills.Automated Reporting: Streamlined, automated performance reports that save time and reduce manual errors.Customizability: Tailored analysis that adapts to any department's unique needs, offering flexibility that expensive software often lacks.

MODELLING

Data Preparation:Data Cleaning: Ensuring accuracy by removing duplicates, correcting errors, and handling missing data.Normalization: Standardizing data to ensure consistency across different metrics (e.g., scaling sales figures or converting hours worked into a percentage).KPI Calculation:Formulas: Using Excel formulas (e.g., AVERAGE, SUM, IF, VLOOKUP) to compute key performance indicators (KPIs) like productivity, efficiency, and quality scores.Weighting: Assigning different weights to various metrics based on their importance to overall performance.

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RESULTS

Performance Insights:Identification of top performers and areas of underperformance within the organization.Clear visualization of trends in productivity, efficiency, and quality across departments.Actionable Recommendations:Tailored suggestions for training, resource allocation, and performance improvement strategies.Data-driven decisions on promotions, rewards, and employee development programs.Improved Organizational

conclusion

The Employee Performance Analysis using Excel provides a powerful yet cost-effective solution for evaluating and improving workforce performance. By transforming raw data into actionable insights, this approach enables organizations to identify strengths, address weaknesses, and make informed decisions that drive productivity and growth. The solution's ease of use, flexibility, and robust analytical capabilities make it a valuable tool for any organization seeking to enhance its performance management processes.

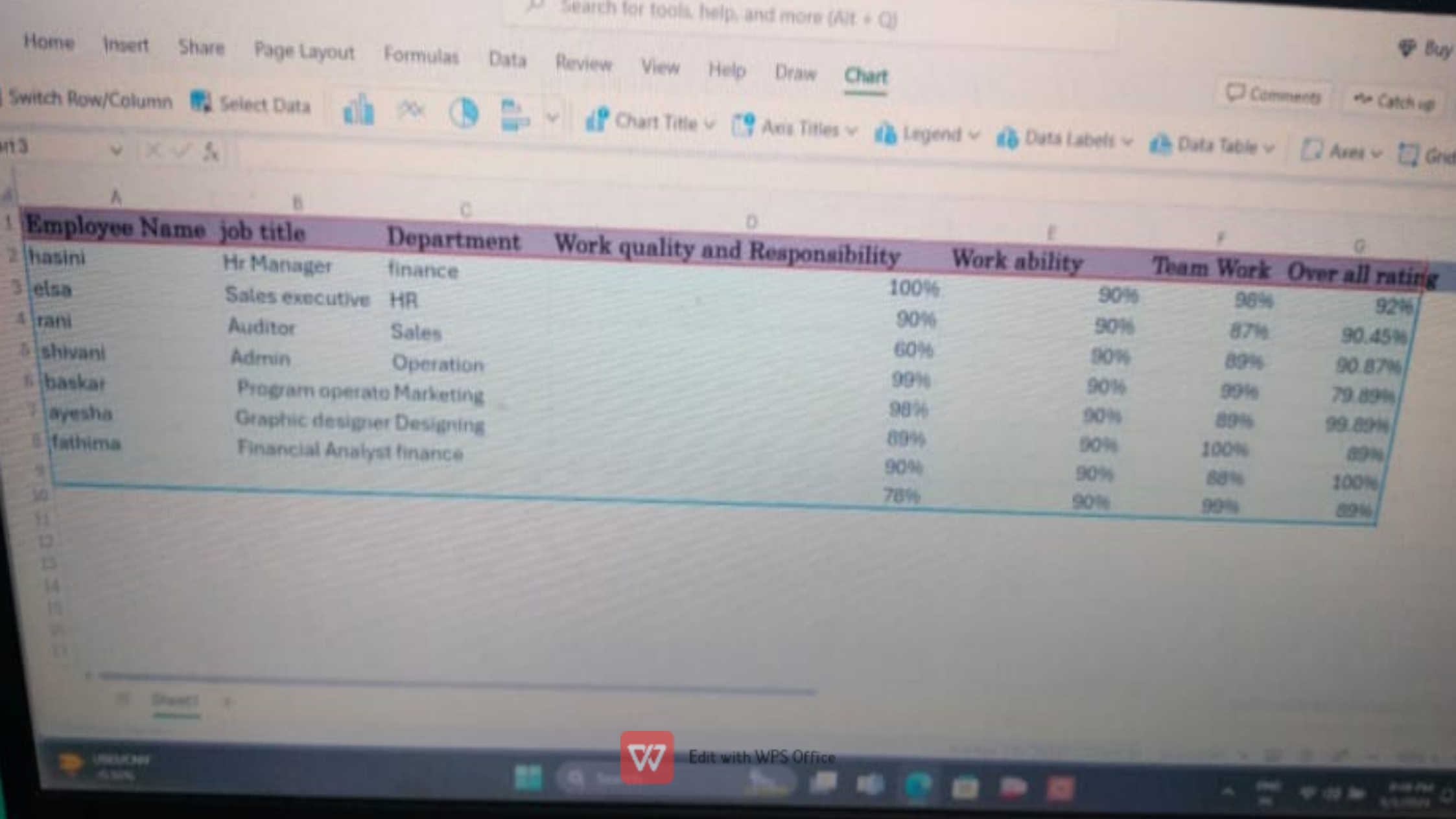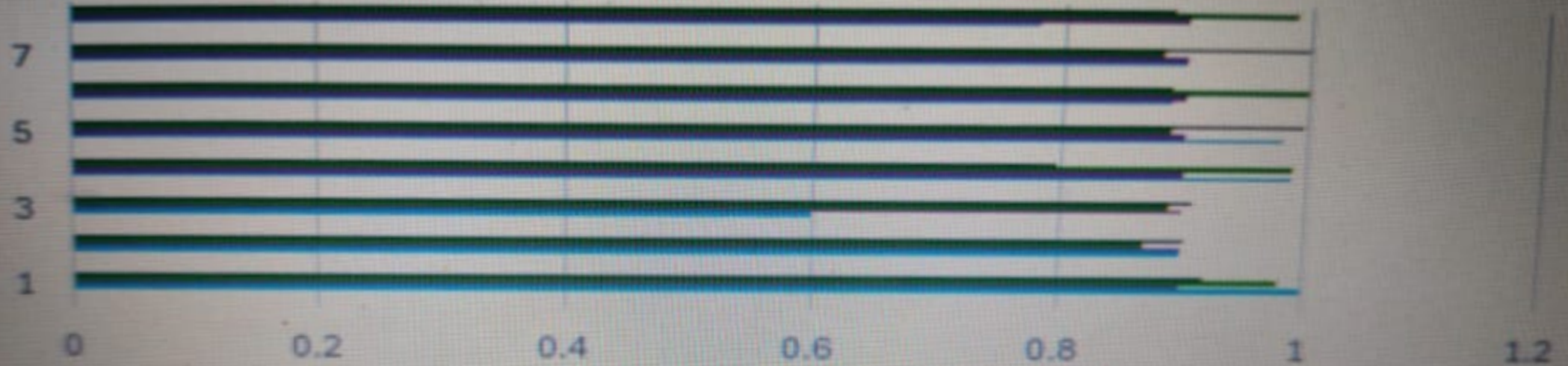| Employee Name	job title	Department	Work quality and Responsibility	Work ability	Team Work	Over all rating
hasini	Hr Manager	finance	100%	90%	98%	92%
elsa	Sales executive	HR	90%	90%	87%	90.45%
rani	Auditor	Sales	60%	90%	89%	90.87%
shivani	Admin	Operation	99%	90%	99%	79.89%
baskar	Program operato	Marketing	98%	90%	89%	99.89%
ayesha	Graphic designer	Designing	89%	90%	100%	89%
fathima	Financial Analyst	finance	90%	90%	88%	100%
			78%	90%	99%	89%

Chart Title

Legend:
- Over all rating
- Work ability
- Department
- Employee Name
- Team Work
- Work quality and Responsibility
- job title

X-axis: 0, 0.2, 0.4, 0.6, 0.8, 1, 1.2

Y-axis: 1, 3, 5, 7