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

> Employeeperformance analysis is made to identify the performance level of an employee in each department.
> It helpsto track the activities and growth of the employees in wholly by department wise.
> And its helps to grant remuneration or appreciation for the respected one.

PROJECT OVERVIEW

Project Objective:
The project aims to analyze performance across different zones.
Data Breakdown:
The spreadsheet contains information on employees, including their ID, f rst name, last name, and performance metrics.
Performance metrics are categorized by zones (Zone A, Zone B, Zone C).
Key Insights:
Zone A has 123 entries.
Zone B has 137 entries.
Zone C has 106 entries.
The grand total across all zones is 668.
Visual Representation:
The pie chart titled “Zonal Performance” visually shows the distribution of performance across the three zones.

WHO ARE THE END USERS?

>The end users for this data could include business analysts, sales managers, or stakeholders interested in assessing customer distribution and performance trends.

> They might use this information for strategic planning, resource allocation, or evaluating market penetration in different areas.

OUR SOLUTION AND ITS VALUE PROPOSITION

Conditional formatting - missing
Filter - remove
Formula - performance
Pivot - summary
Pie chart - data visualization

Dataset Description

Employee - kaggle
26 - features
9 - features
Emo I'd -nunm
Name-text
Emp type
Performance level
Gender - make female
Employee rating - num

THE "WOW" IN OUR SOLUTION

Performance level = IFS(Z8>=5,"VERY HIGH"Z8>=4,"HIGH"Z8>=3,"MED",TRUE,"LOW")

MODELLING

DATA COLLECTION

Download the data from edunet student's dashboard.

FEATURE COLLECTION

Highlighted data which is required using the fill option.

DATA CLEANING

Identifies the missing values using conditional formatting.

Removed/filtered the missing data using filter-filter by colour.

PERFORMANCE LEVEL

Performance analysis is based on Department type is filtered by gender.(Male employees).

Summary:

Pivot table is created to summaries the data.

Row labels- it is considered as department type.

Column labels- describe the performance level.

Filter – By gender where I perfered the male employees in this data.

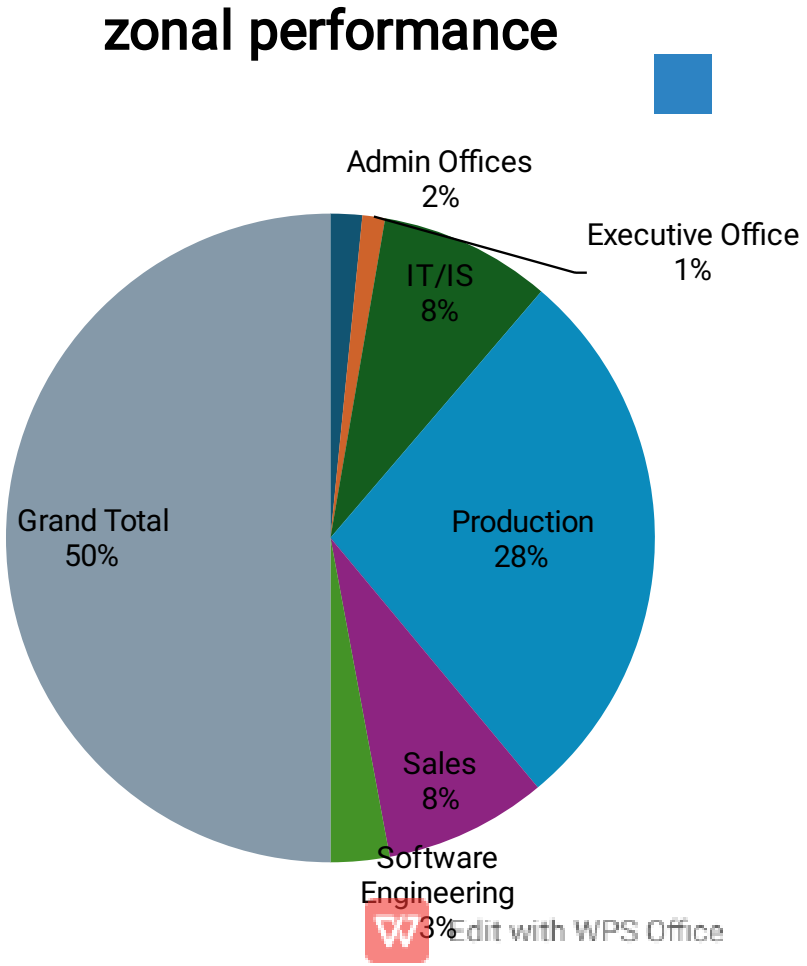
Values – To make a count used first name for count of employees in each field.

Visualization:

Used the graph chart to analyze the employees (in units) in the department type category.

Used the Bar diagram to analyze the employees overall percentage in the department type category.

RESULTS



conclusion

Therefore the production department employees performs higher
comparing to other department and whereas executive office performs
lower comparing to other department.

Hence the production department employees works more efficiently
comparing to other departments according to the employees data given.