

Employee Data Analysis using Excel



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PROJECT TITLE

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Employee average salary & average age analysis



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

**THE PROBLEM IS TO IDENTIFY AVERAGE
SALARY AND AGE OF THE EMPLOYEE
ACCORDING TO THEIR
DEPARTMENT,GENDER &
ROLE(ex:manager,process executive).**



PROJECT OVERVIEW

IN THIS ANALYSIS IM GOING TO EASE THE PROCESS OF IDENTIFY THE EMPLOYEES AVERAGE SALARY & AVERAGE AGE USING EXCEL, WITH THE HELP OF BELOW MENTIONED TOOLS IN EXCEL.

- TABLES.
- SLICERS.
- PIVOT CHART(LINE CHART,PIE CHART & BAR CHART).
- BY INSERTING FORMULA TO MAKE INTERACTIVE DASHBOARD.



WHO ARE THE END USERS?

- A. Human Resources (HR) Department
- B. Finance Department
- C. Compensation and Benefits Specialists
- D. Operational Managers
- E. IT and Data Management Teams

OUR SOLUTION AND ITS VALUE PROPOSITION



☐ User-Friendly Interface:

- Accessibility
- Ease of Use

☐ Comprehensive Data Management:

- Data Organization
- Data Integration

☐ Advanced Analytical Tools:

- Formulas and Functions
- PivotTables

☐ Visual Representation:

- Charts and Graphs

☐ Scenario Analysis:

- Used to analyse different situation



Dataset Description

Data Overview:

The dataset contains information about employees within an organization, including their salaries and ages. This data is used to calculate and analyze average salary and average age metrics.

Data Fields:

1. ID
2. Name
3. Surname
4. Age
5. Tenure
6. Gender
7. Region
8. Department
9. Manager
10. Hours
11. Salary Band
12. Salary
13. Performance

THE "WOW" IN OUR SOLUTION



- I. Dynamic Dashboards
- II. Advanced Data Visualization
- III. Segmentation Analysis
- IV. Comparative Analysis
- V. Interactive Reports
- VI. Slicers



MODELLING

- i. Data cleaning.**
- ii. Creating table.**
- iii. Creating pivot chart.**
- iv. Creating dashboard.**
- v. Inserting pivot chart in dashboard.**
- vi. Inserting formulas in dash board to make interaction.**
- vii. Creating interactive dashboard by putting all together elements.**

RESULTS



(click to open file)

HR DASHBOARD



INTERACTIVE ANALYSER(SALARY & AGE)

AVERAGE SALARY

₹ 1,03,063

AVERAGE AGE

42

Manager

no

yes

Department

Customer Sup...

Finance

Human Resour...

Leadership

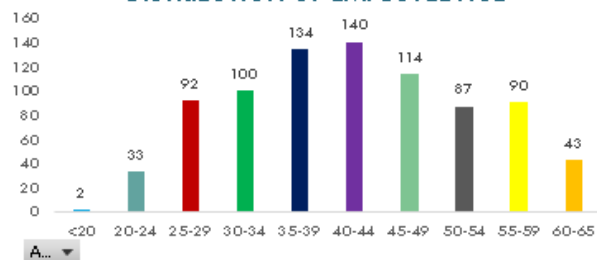
Gender

F

M

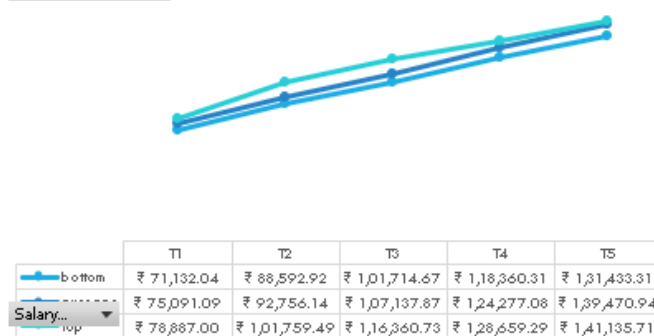
Count of Age

DISTRIBUTION OF EMPLOYEE AGE



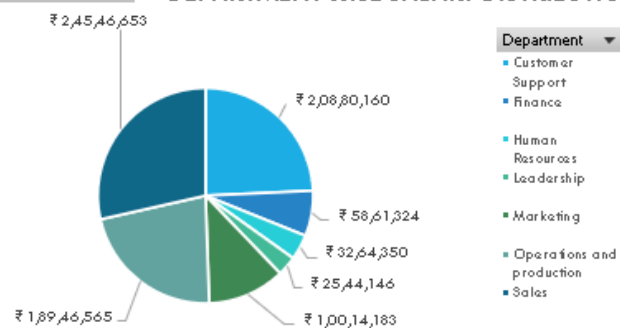
Average of FTE Salary

PERFORMANCE PER SALARY BAND



Sum of FTE Salary

DEPARTMENT WISE SALARY DISTRIBUTION



conclusion

“The average salary and age analysis reveals important trends and patterns within the organization. By understanding these metrics, the company can make informed decisions to optimize compensation strategies, support career development, and align with industry standards. This analysis serves as a foundation for ongoing workforce planning and strategic decision-making”