

INSTITUTE STAFF'S DATA ANALYSIS USING EXCEL

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CHENNAI - 81

PROJECT TITLE

INSTITUTE STAFF'S DATA 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

These data's can be used to analyse various aspects of College Staff, such as

- Diversity and representation
- Staff retention and turnover
- Professional development and growth
- Student satisfaction and outcomes
- Departmental or institutional

Remember to ensure data privacy and confidentiality when working with staff data

PROJECT OVERVIEW

Institute Staff Data Analysis mean analysing the data of the staff by considering various factors like gender, age, job, salary status, department, location and their job role it also the staffs data and patterns of different attributes of staff data's.

WHO ARE THE END USERS?

- Teachers
- Students
- Organisation
- College administration
- Principal and Head Masters
- Education policy makers

OUR SOLUTION AND ITS VALUE PROPOSITION

- Conditional Formatting – missing
- Filter – remove
- Formula – salary status
- Graph – data visualization

DATASET DESCRIPTION

- College staff
- 19 – features
- 10- features
- Emp name – text
- Emp age – num
- Gender – male, female
- Department – text
- Job status
- Sick leave - num
- Location
- Job role
- Salary – num

THE "WOW" IN OUR SOLUTION

- =IFS(I2>=40000,"VERY HIGH",I2>=30000,"HIGH",
I2>=20000,"MEDIUM")

MODELLING

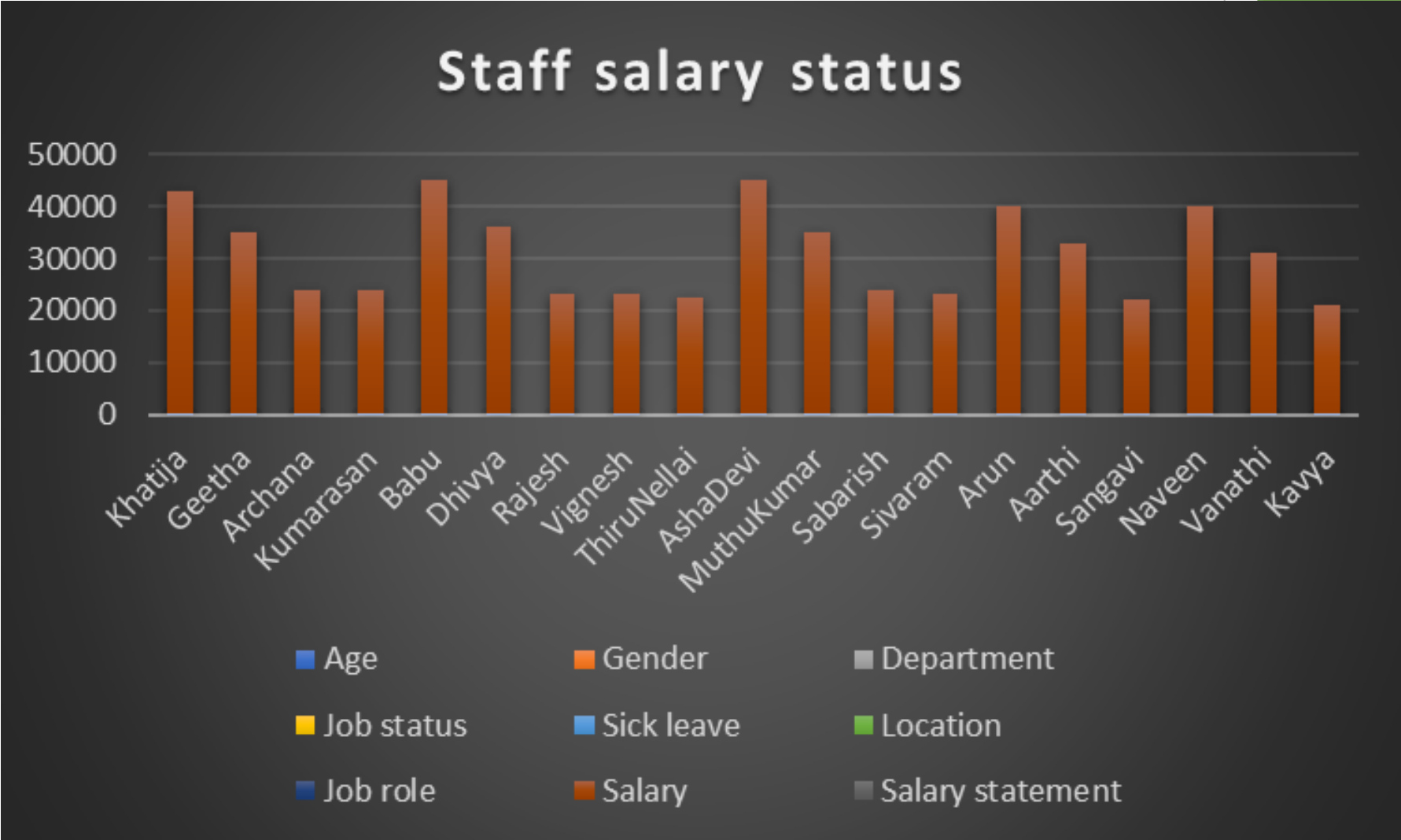
DATA COLLECTION

- Download the data in the EDUNET website
- Ready to work project
- Features collection
- Identify staff salary status
- Identify priority

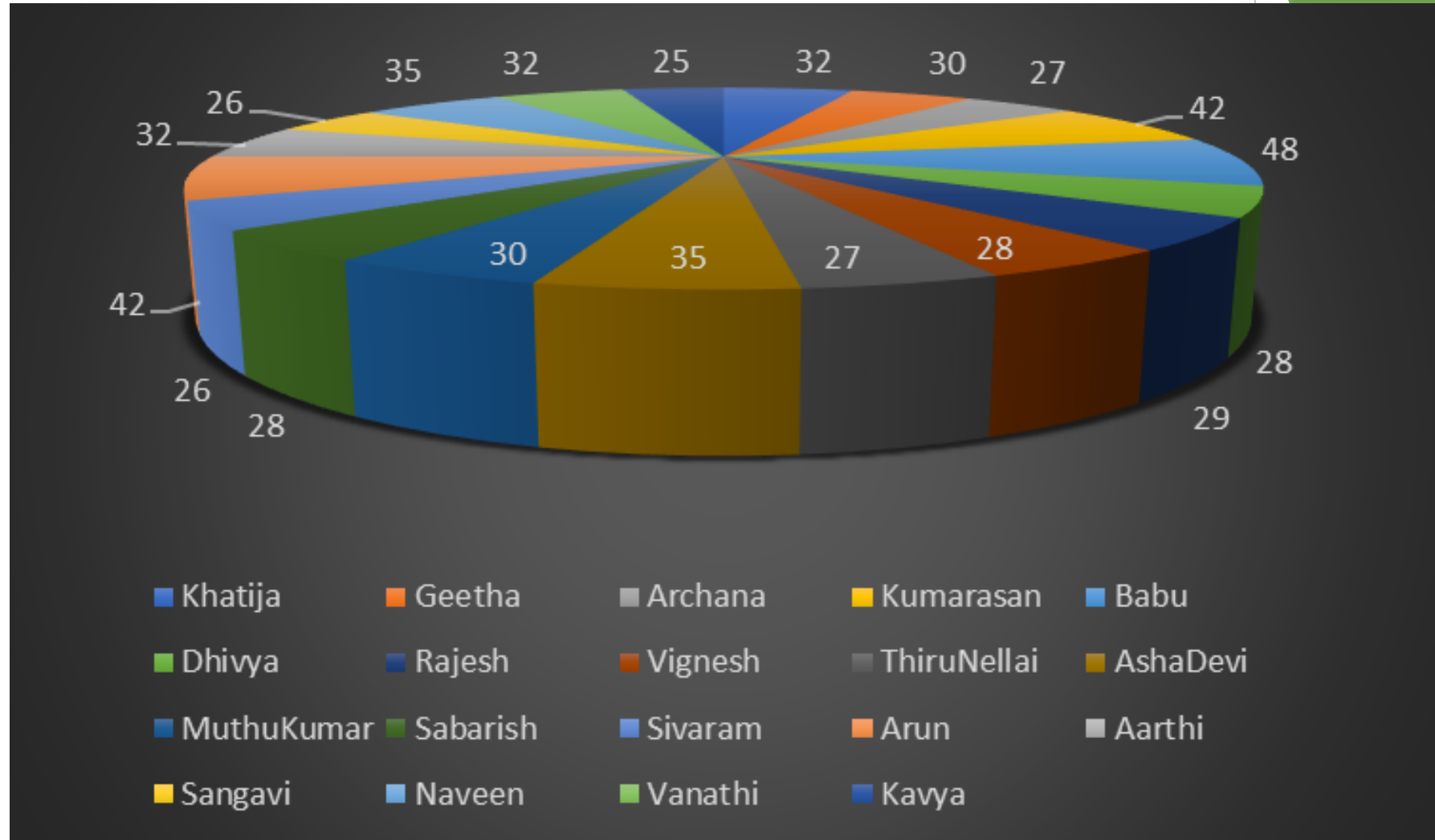
DATA CLEANING

- Identify the missing value
- Filter the missing value
- Calculate salary status

RESULTS



PIE CHART



CONCLUSION

Staff Data's analysis for Age and Gender: The workforce is predominantly young, with an average age of 30 something, and there is a balanced gender representation in most roles, except for technical roles which are male-dominated. Salary Insights: Average salaries are competitive, but there is a noticeable gap between genders in managerial roles, which warrants further review. Location Impact: Employees in urban locations tend to earn higher salaries, correlating with higher living costs. Attendance Patterns: High attendance rates are linked with roles that offer performance bonuses, indicating a positive impact of financial incentives on attendance.

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic design. The shapes are concentrated on the right side of the image, with some extending towards the left.

THANK YOU