Employee Data Analysis using Excel

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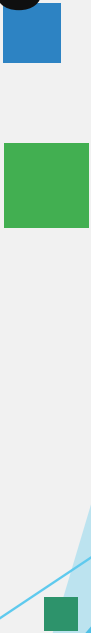
DEPARTMENT: COMMERCE

COLLEGE: DRBCCC HINDU COllEGE

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

Analyze the employee dataset to determine insights based on gender distribution, city distribution, department distribution, and years of joining.

- Finding anomalies or inconsistencies in the dataset, such as mismatches in gender labels or duplicate employee IDs.

- Identifying gender imbalances across departments and cities.

PROJECT OVERVIEW

- Names: The list includes 40 individuals with names provided.

- Years of Joining: The joining years range from 2012 to 2018.

- Gender: The list contains both male and female employees.

- Location: Employees are based in various locations, including Pune, Bangalore, and New Delhi.

- Employee ID: Each individual has a unique employee identification number.

WHO ARE THE END USERS?

The end users in the data provided are individuals with specific roles, locations, and departments. They are identified by their names, years of joining, gender, employee IDs, department codes, city, and department. Here's a summary of the end users:

- Leena Bruckshaw: Quality, New Delhi

- Wyn Treadger: Sales, Bangalore

- Aldrich Glenny: Quality, Pune

- Aloise MacCathay: Quality, Bangalore

OUR SOLUTION AND ITS VALUE PROPOSITION

- Gender Distribution: It appears there's a mix of male and female employees, but some gender tags seem incorrect (e.g., some "MALE" names are traditionally female and vice versa). Rectifying these would improve accuracy.

- Department Size: From a glance, quality and finance departments seem to have the most entries.

Dataset Description

The dataset contains records of individuals associated with various roles in different locations across India, primarily in cities like Pune, New Delhi, and Bangalore. Each record consists of the person's name, the year they joined, gender, employee ID, department code, location, and department. For instance, Jill Shipsey, a female employee, joined in 2018 with an employee ID of 110906, and works in finance at Pune under department code SQ03024. Similarly, Leena Bruckshaw, a male employee, joined in 2012 with employee ID 85879, working in quality control in New Delhi under the code PR03886

THE "WOW" IN OUR SOLUTION

I HAVE SHOWN THE EMPLOYEES SALARY IN THE FORM OF PIE - CHART.
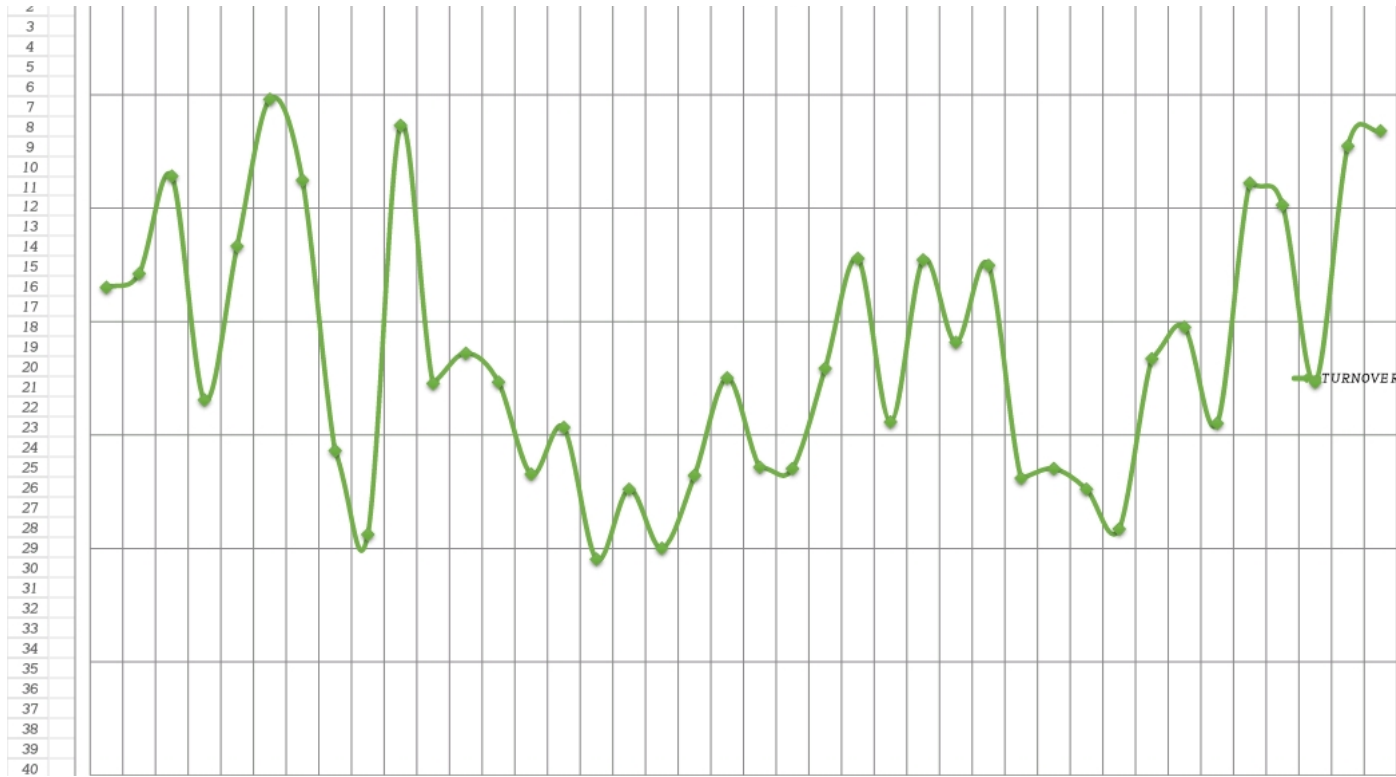
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MODELLING

DATA COLLECTION:
Collected from IBM

FEATURE COLLECTION:

- Conditional formatting
- Symbols
- Merge & center
- Pie chart

RESULTS

conclusion

The conclusion of profit and loss analytics, a well rounded employees profits and loss analysis should provide insights into how the workforce affects both revenue and costs