

Employee Data Analysis using Excel



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PROJECT TITLE

Employee Performance Analysis using Excel



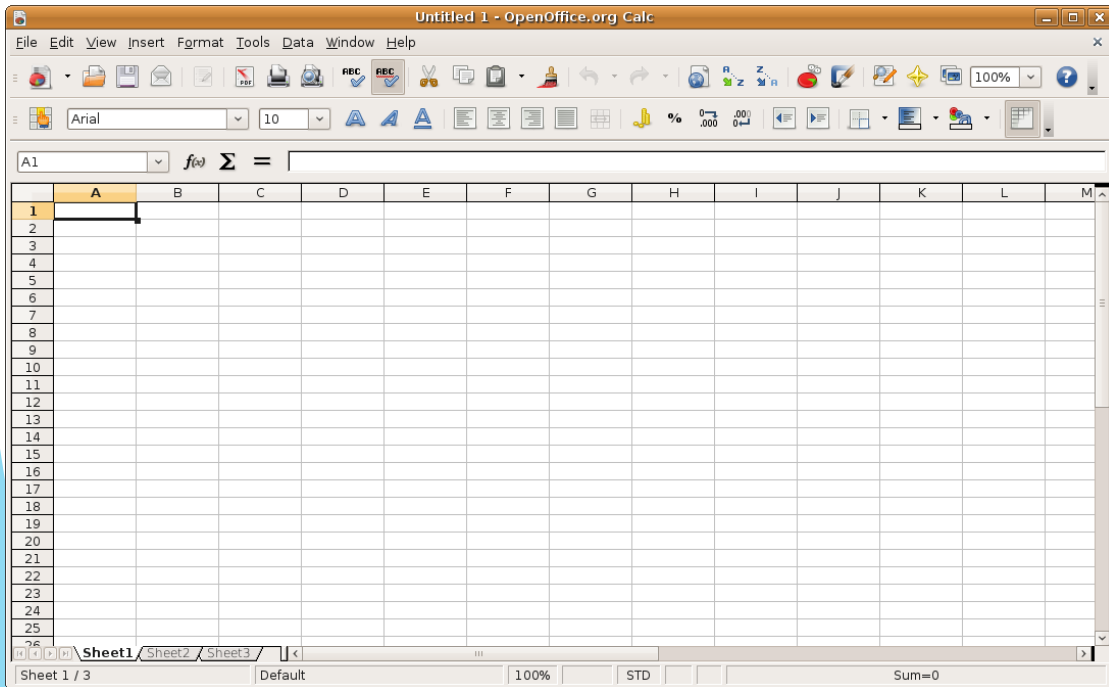
AGENDA

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

EMPLOYEE PERFORMANCE ANALYSIS USING EXCEL



PROJECT OVERVIEW

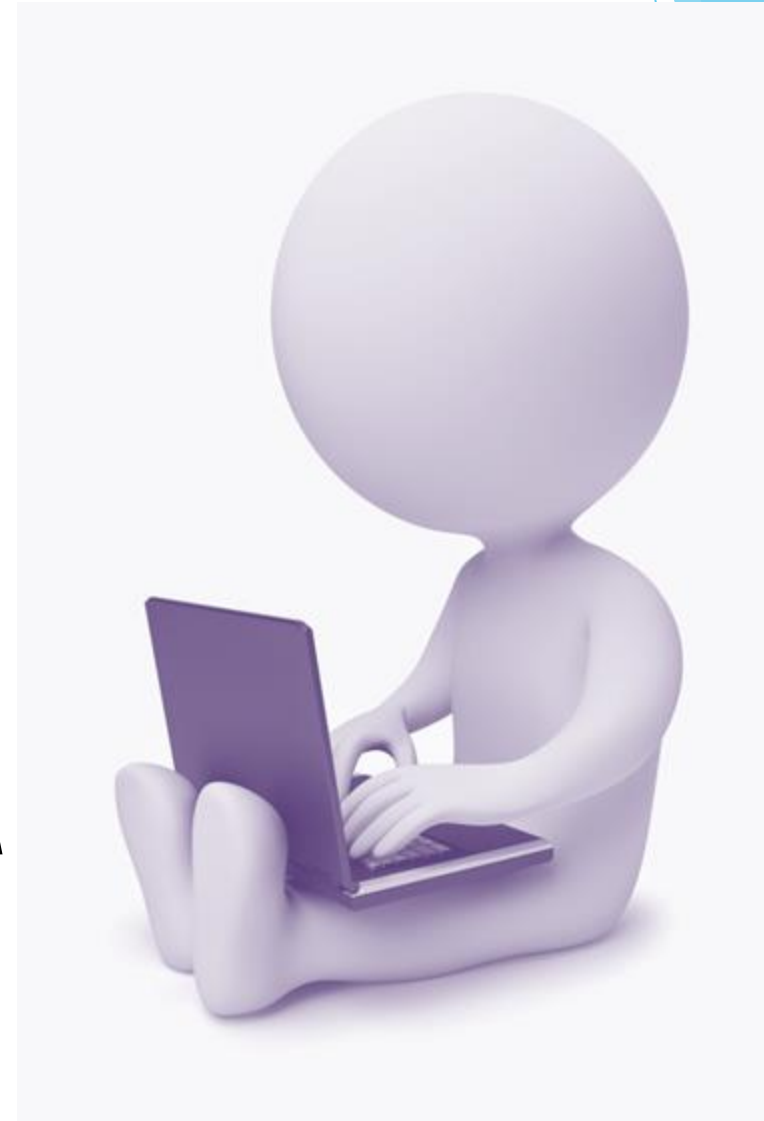
IT IS THE PROCESS OF EXTRACTING INSIGHTS AND MEANINGFUL PATTERNS FROM DATA. IT INVOLVES VARIOUS TECHNIQUES, TOOLS, FORMULAS, METHODS AND PATTERNS TO EXAMINE AND INTERPRET DATA, OFTEN TO INFORM BUSINESS DECISIONS, TO SOLVE PROBLEMS, TO IDENTIFY THE BEST, OR TO ANSWER THE QUESTIONS.



WHO ARE THE END USERS?

THE END USERS :

- ☐ BUSINESS LEADERS
- ☐ PRODUCTIVE MANAGERS
- ☐ MARKETING PROFESSIONS
- ☐ SALES TEAM
- ☐ FINANCIAL ANALYSTS
- ☐ CUSTOMER SERVICE TEAM
- ☐ EMPLOYEE OF THE FIRM
- ☐ GOVERNMENT AGENCIES



OUR SOLUTION AND ITS VALUE PROPOSITION

- **CONDITIONAL FORMATTING**
- **FILTERING THE DATA**
- **USING PIVOT TABLE**
- **GRAPHICAL REPRESENTATION**
- **FORMULA APPLYING**
- **CONVERTING THE DATA**



Dataset Description

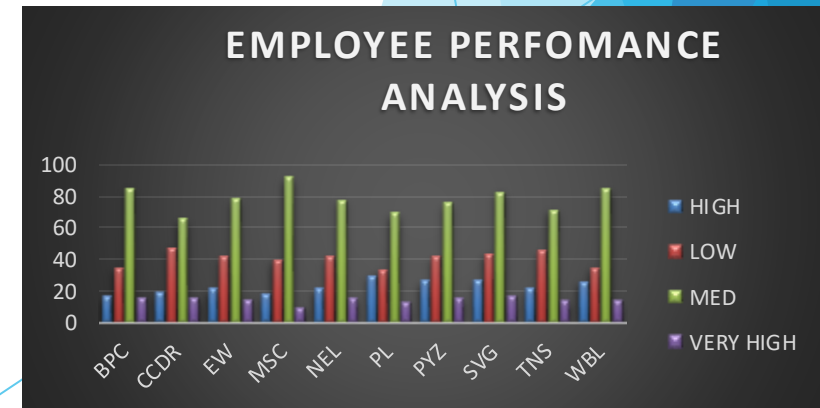
- EMPLOYEE DATA SET
- EMPLOYEE UNIT
- PERFORMANCE LEVEL
- GENDER CODE
- STATUS OF THE EMPLOYEE
- PERFORMANCE RATE
- DEPARTMENTS



THE "WOW" IN OUR SOLUTION

THE EMPLOYEES PERFORMANCE LEVEL ARE IDENTIFIED USING THE GRAPHICAL REPRESENTATION AND BY HIGHLIGHTING THE OUTLIERS SHOWN IN THE BAR GRAPH. BAR GRAPH USED FOR VARIOUS PURPOSES:

- ❖ COMPARING CATEGORIES
- ❖ IDENTIFYING TRENDS
- ❖ HIGHLIGHTING OUTLIERS
- ❖ SHOWING PROGRESS
- ❖ COMMUNICATING INSUGHTS

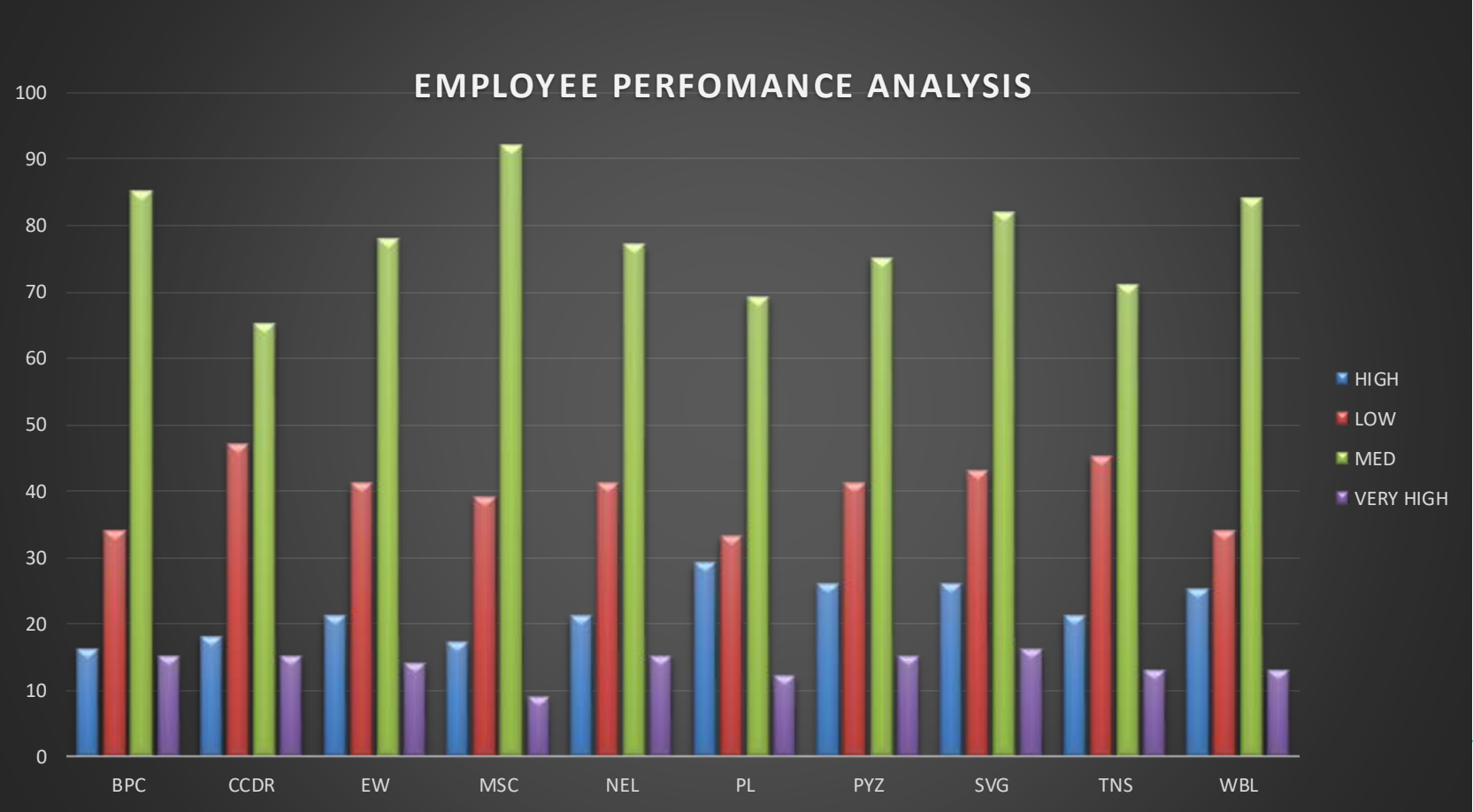


MODELLING

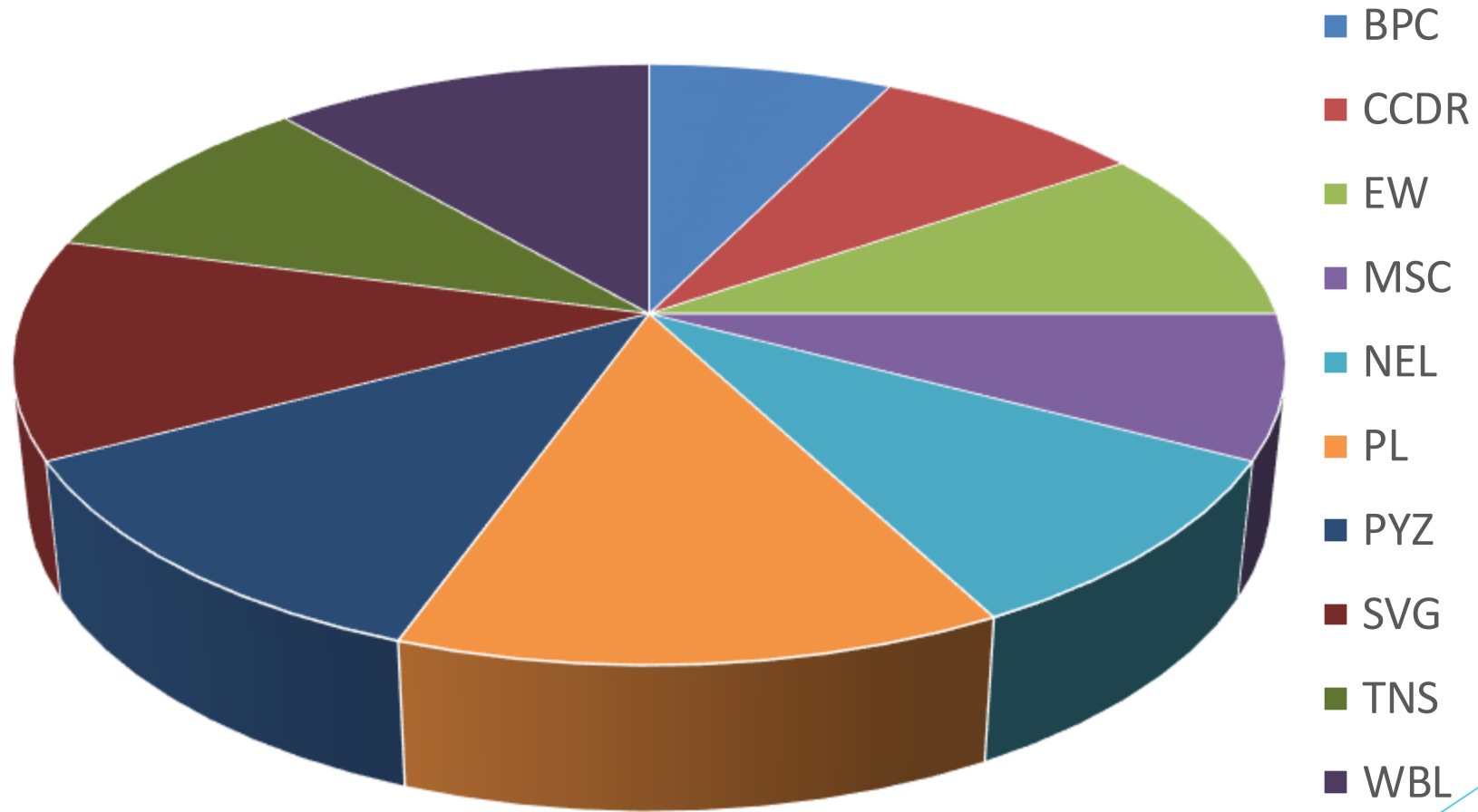
1. DATA COLLECTION-DOWNLOAD FROM EDUNET
2. FEATURES-IDENTIFIED ALL THE FEATURES
3. DATA CLEANING- FILTERED
4. PERFORMANCE LEVEL- HIGHLY PERFORMED DEPARTMENTS
5. DATA VISUALIZATION-GRAPHICAL REPRESENTATION



RESULTS



RESULTS



CONCLUSION

BY COMPARING THE EMPLOYEES OF VARIOUS DEPARTMENTS WITH THE SALARIES, THE PERMANENT AND TEMPORARY STAFFS GET PAID HIGH THAN THE FIXED TERM. AND WE COME TO KNOW THAT THE TRAINING DEPARTMENT PLAYS A MAJOR ROLE IN AN ORGANISATION.

THANK YOU 🙏