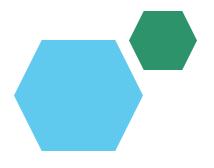
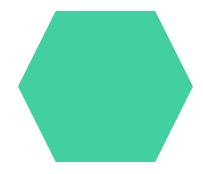
## **Employee Data Analysis using Excel**





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# PROJECT TITLE



# **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 is a critical factor influencing organizational success, requiring effective assessment and management strategies. Addressing performance issues promptly can enhance productivity and employee satisfaction

.An employee dataset overview provides essential insights into workforce demographics, performance metrics, and engagement levels, crucial for optimizing human resource strategies. Proper analysis can reveal trends and gaps, aiding in targeted improvements



## PROJECT OVERVIEW

The project involves analyzing employee data using Excel to gain insights into workforce metrics. This includes organizing data, performing statistical analysis, and creating visualizations to understand trends in employee performance, demographics, and other key indicators, thereby supporting data-driven decision-making for HR strategies



#### WHO ARE THE END USERS?

The end users in employee performance analysis typically include:

- 1. \*Human Resources (HR) Managers:\* They use the insights to make informed decisions about promotions, training, and development.
- 2. 2. \*Team Leaders and Supervisors:\* They apply performance data to provide feedback, set goals, and manage team performance.
- 3. \*Employees:\* They benefit from feedback and performance evaluations that help them improve and advances in their career

#### OUR SOLUTION AND ITS VALUE PROPOSITION



- Filtering to fill the missing values
- Conditional formating- blank values
- Using –Bar chart and table

# **Dataset Description**

EMPLOYEE DATA SET- EDUNET FOUNDATION, NAAN MUDHLAVAN DATA

**THERE ARE 26 FEATURES** 

#### THE IMPORTANT 10 FEATURES ARE,

- \*EMPLOYMENT ID
- \*FIRST NAME
- \*LAST NAME
- \*GENDER
- \*EMPLOYEE STATUS
- \*EMPLOYEE TYPE
- \*EMPLOYEE CLASSIFICATION
- \*PERFORMANCE SCORE
- \*CURRENT EMPLOYEE RATINGS
- \*BUSINESS UNITS

## THE "WOW" IN OUR SOLUTION





USING PIE CHART AND TABLE IS TO ANALYZE THE EMPLOYEES WORK LOCATION

# MODELLING

\*DATA PREPARATION: CLEAN AND ORGANISE DATA, ENSURING ACCURANCY
AND CONSISTENCY

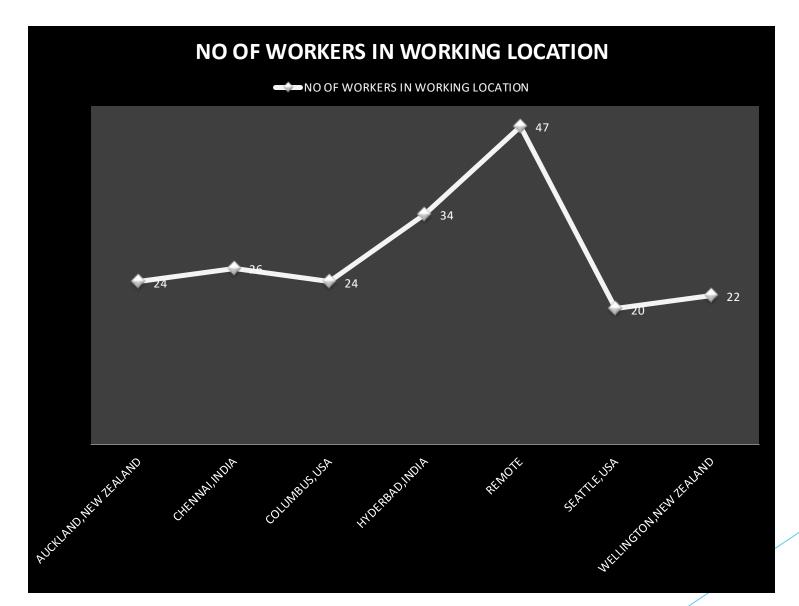
\*TREND ANALYSIS: APPLY CHARTS AND GRAPHS (EX: LINE CHARTS ,BAR CHARTS PIE CHARTS, PIVOT TABLE) TO VISULIZE TRENDS OVER TIME , SUCH AS EMPLOYEE PERFORMANCE OR TURN OVER RATES.

\*BAR CHART: A BAR CHART ARE BAR GRAPH IS A CHART OR GRAPH THAT PRESENTS CATEGORICAL DATA WITH RECTANGULAR BAR WITH HEIGHTS AND LEGNTHS PROPORTIONAL TO THE VALUES THAT THEY REPRESENT.

A VERTICAL BAR CHART IS SOMETIMES CALLED COLOUM CHART

\*REGRESSION ANALYSIS: UTILIZE REGRESSION FUNCTIONS TO IDENTIFY RELATIONSHIPS
BETWEEN VARIABLES SUCH AS THE IMPACT OF TRAINING ON PERFORMANCE

# **RESULTS**



# conclusion

THE RESULT WE HAVE FOUND BY EMPLOYEE DATA ANALYSIS
ABOUT THE WORK LOCATION OF THE
EMPLOYEES IS UNDERSTANDING YOUR EMPLOYEES CAN HELP YOU TO CREATE
COMPANY CULTURE AND IMPROVE WORK PLACE MORALE

WHEN EMPLOYEE FEEL UNDERSTOOD AND APPRICIATED THERE ARE MORE
LIKELY TO BE ENGAGED AND PRODUCTIVE AND ALSO HELP YOU TO
RETAIN EMPLOYEES THEY CAN ALSO MAKE BETTER DECISIONS AND ALSO CAN PREPARE
FOR LEADERSHIP ROLES THEY CAN COMMUNICATE BETTER WITH SHAREHOLDERS

IT BRINGS WITH IT A SENSE OF BELONGING, WHICH IS CRUCIAL TO EMPLOYEE RETENTION, EMPLOYEE ENGAGEMENT, AND THE OVERALL SUCCESS OF A BUSINESS