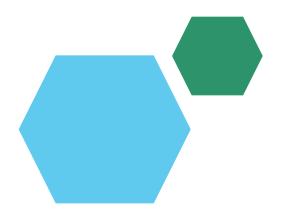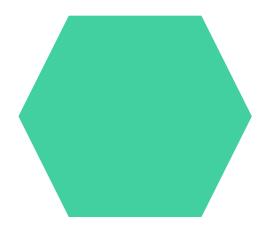# Employee Data Analysis using Excel

STUDENT NAME: Archana.R
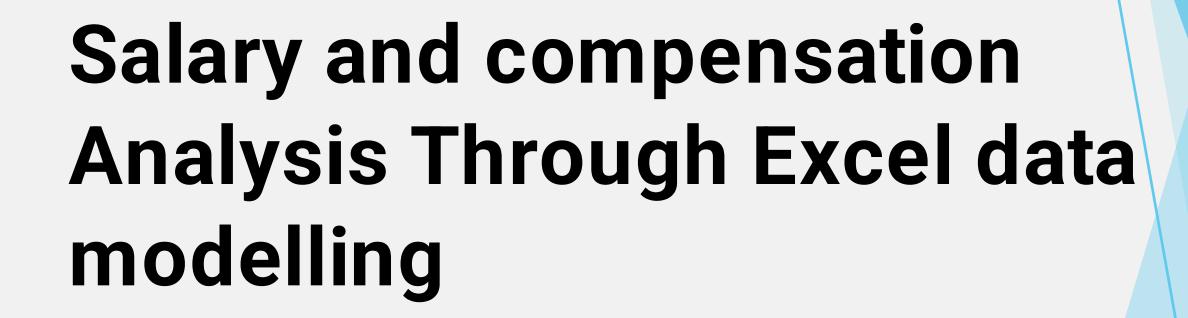REGISTER NO: 312216911)
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PROJECT TITLE

Salary and compensation Analysis Through Excel data modelling

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

Company Y needs to perform a comprehensive analysis of its salary and compensation structure to ensure equitable pay, identify compensation disparities, and optimize salary budgets. The company has collected detailed salary and compensation data, including base salaries, bonuses, benefits, and other forms of compensation across various departments and employee levels

1. Data Integration
2. Compensation breakdowns
3. Equity Analysis
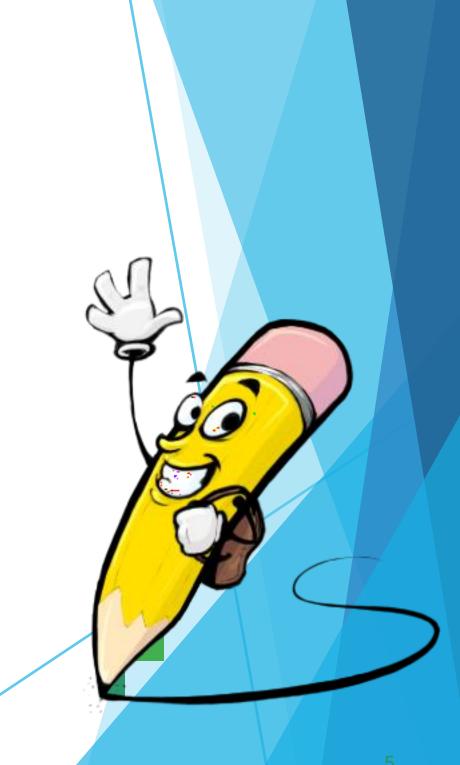4. Project analysis
5. Trend analysis

PROJECT   OVERVIEW

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objective:
To develop an Excel-based data modeling system for analyzing and optimizing salary and compensation structures within Company Y. The goal is to ensure fair and equitable compensation practices, identify and address disparities, and make data-driven decisions to align compensation with company goals and budgets.

Scope:

1. Data Collection and Integration:
2. Data Analysis
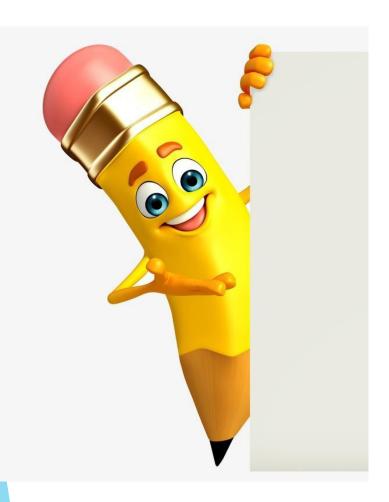3. Trend and Scenario Analysis
4.visulization
5. Reporting:

WHO ARE THE END USERS?

In a salary and compensation analysis project using Excel data modeling, the primary end users typically include:

1. HR Department:
2. Finance Department:
3. Executives and Senior Management:
4. Payroll Department:
5. External Auditors

OUR SOLUTION AND ITS VALUE PROPOSITION

Solution:

1. Comprehensive Data Integration:
2. In-Depth Compensation Analysis:
3. Advanced Trend and Scenario Modeling:
4. Interactive Visualization and Reporting:
5. User-Friendly Interface:

Value Proposition:

1. Enhanced Decision-Making:
2. Improved Compensation Equity:
3. Cost Management and Optimization
4. Efficiency and Transparency.

Dataset Description

Conducting a salary and compensation analysis using Excel data modeling involves several key steps. Here's a structured approach:

1. Data Collection
2. Data Preparation
3. Data Organisation
4. Exploratory Data Analysis (EDA)
5. Data Modelin
6. Advanced Analysis
7. Comparison and Benchmarking
8. Reporting
9. Automation and Efficiency

THE "WOW" IN OUR SOLUTION

Focus on these advanced and impactful techniques:

1. Dynamic Dashboards
2. Advanced Data Visualization
3. Predictive Modeling.
4. Comparative Analysis
5. Automated Reports
6. Integration with Other Tools
7. Clear and Engaging Presentation

MODELLING

provide powerful insights. Here's a step-by-step guide to creating a comprehensive model:

1. Data Preparations
2. Data Modeling
3. Creating PivotTables
4. Advanced data analysis
5 Visualization
6. Dashboards
7. Automation and Reporting
8. Documentation and Presentation

RESULTS

conclusion