

Project Name

# Human Resources Data Analysis

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Prepared BY (Analysis Masters Team)

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## **Introduction:**

In today's fast-paced business environment, understanding the composition and dynamics of an organization's workforce is essential for effective decision-making. As an HR manager, I know that a comprehensive dashboard provides high-level and detailed insights into the company's human resources data. This project covers the design and purpose of a human resources (HR) data analysis, focusing on three key sections: Overview, Demographics, and Income Analysis. In addition, a detailed view of employee records allows for a more granular exploration of individual employee data.

## **Objectives:**

This project aims to design and develop a comprehensive HR data analysis that provides HR managers with clear, actionable insights into the workforce. The dashboard will offer summary views for high-level metrics such as employee headcount, demographics, and income analysis, as well as detailed employee records for in-depth analysis.

## **Purpose:**

The Project will enable easy access to key HR data, supporting strategic decision-making in recruitment, employee retention, diversity, and compensation management.

## **Breakdown and Responsibilities**

### **Dr. Ahmed Yehya (Analyzing Steps):**

- 1-Profile and prepare the data.
- 2-Enrich and explore the data.
- 3-Build a relational data model.
- 4-Build an interactive dashboard.

### **Doaa Alkhateeb (Insights, Reporting & presentation Steps):**

- 1- Create visual representations of the data and generate a comprehensive report. In addition, creating a video presentation to summarize the project and shed light on recommendations.
- 2- Provide actionable insights and recommendations based on the analysis.