Project Plan

1. Project Overview

This project aims to analyze HR data to gain insights into employee demographics, salary distribution, and attrition trends using **Python** and **Power BI**.
The goal is to support HR departments with **data-driven decisions** that improve retention, workforce planning, and employee satisfaction.

2- Project Phases and Timeline

Phase	Main Task	Tools	Responsible Member	Deadline
Getting Data & Understanding it.	Receive dataset, explore data structure, identify key variables for analysis	Python	The Team	25/10
Data Cleaning	Handle missing values, remove duplicates, correct data types, prepare data for modeling	Python,	Rawan Adel, Mohamed Abdelbary	1/11
Data Modeling	Prepare the data model for Power BI and create relationships between tables	Power BI	Ali Mamdouh, Gehad Adel	8/11
Dashboard Development	Design and build interactive dashboards visualizing KPIs such as attrition rate, average salary, and overtime	Power BI	Ali Mamdouh, Gehad Adel	15/11
Reporting	Prepare Data Wrangling Report, Business Insights	Word	Arwa Kassim	22/11

	Report, and ReadMe document			
Presentation	Prepare PowerPoint slides, review insights, and deliver the presentation	Power point	Gehad Adel	29/11