**HR Data Analysis**

**Overview**

This repository contains data analysis and visualization scripts for HR data. The analysis aims to provide insights into employee attrition, employee demographics, performance metrics, and other relevant HR-related metrics to help HR professionals and organizational leaders make data-driven decisions.

**Dataset**

The dataset used for this analysis is provided in the **HR\_data.csv** file. It includes information about employees, such as age, gender, job role, performance ratings, satisfaction levels, and attrition status.

**File Structure**

* **HR\_data.csv**: The main dataset containing HR-related data.
* **hr\_data\_analysis.ipynb**: Jupyter Notebook containing the data analysis and visualization scripts.
* **README.md**: This README file providing an overview of the project.

**Requirements**

To run the analysis scripts, you need the following dependencies:

* Python 3.x
* pandas
* matplotlib
* seaborn (optional, for advanced visualizations)