

SQL AND POWERBI PORTFOLIO PROJECTS.

Project Description: As part of your completion of the Data Science course you are to analyze and visualize the attached Human Resource Dataset. The HR Data has over 22000 rows from the year 2000 to 2020.

You are to provide answers to all the analysis questions using the SQL. Export each table into an excel file which is to be imported into the Power BI for visualization.

Tasks:

1. Create an SQL Database and Import Data Database Table
2. Understand the Data
3. Data Cleaning
4. Analysis
5. Visualization in PowerBI
6. Upload to Github

Analysis Questions:

1. What is the gender breakdown of employees in the company?
2. What is the race/ethnicity breakdown of employees in the company?
3. What is the age distribution of employees in the company?
4. How many employees work at the headquarters versus locations?
5. How does the gender distribution vary across departments and job title?
6. What is the distribution of job titles across the company?
7. What department has the highest turnover rate?
8. What is the distribution of employees across locations by state?
9. How has the company's employee count changed overtime based on hire and term dates?
10. What is the tenure distribution for each department?