HR Analytics Project

**Title: Employee Attrition Analysis**

**Step 1: Using SQL to explore the dataset and gain an understanding of the data.**

1. **Data Exploration**

Explore the dataset to understand its structure and content.

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1. **Attrition Analysis:**

Analyze attrition rates and factors contributing to it.

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1. **Salary Analysis:**

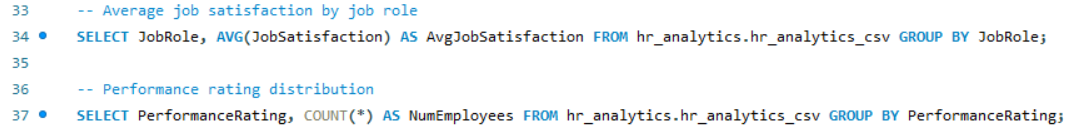
Analyze salary-related information.

A close up of words

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1. **Job Satisfaction and Performance:**

Analyze job satisfaction and performance-related information.

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1. **Years of Service Analysis:**

Analyze the impact of years of service on attrition and other factors.

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**Step 2: Data Cleaning,** **handle missing values, outliers, and any necessary data transformations. and Preparation with Python and Excel**

1. **Data Loading and Exploration**

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1. **Data Cleaning**

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1. **Exploratory Data Analysis (EDA)**

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**A graph of a distribution of age

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**A graph with blue squares

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1. **Feature Engineering**

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1. **Data Visualization for Insights**

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**A graph of a graph with blue squares

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