

## Project: Employee Data Analysis with SQL

This project involved a comprehensive analysis of an employee dataset using SQL to extract actionable insights. Key objectives included:

1. Data Integration: Combining data from multiple tables to create a unified employee dataset.
2. Salary Analysis: Identifying top earners and calculating average departmental income.
3. Attrition Analysis: Determining the correlation between job satisfaction and attrition, identifying high-risk employees, and analyzing the most common departure year.
4. Performance Evaluation: Assessing the impact of training on employee performance.
5. Work-Life Balance: Calculating average work-life balance scores by job role.
6. Overtime Analysis: Determining the percentage of employees working overtime per department.
7. Advanced Querying: Identifying employees with multiple company tenures and those who left after salary hikes.
8. Data Cleaning: Handling missing data by replacing null values.

This project demonstrates proficiency in SQL for data retrieval, aggregation, advanced querying, and analytical reporting, providing valuable insights into employee trends and behaviors.