

ANALYSIS FROM HR EMP. ATTRITION DATASET

Data Analysis SQL PROJECT QUESTIONS

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BASIC ANALYSIS



1. What is the average Monthly Income of employees grouped by Job Role?
2. How many employees are there in each Department?
3. List the count of employees who work overtime vs. those who do not.
4. What is the average DistanceFromHome of employees who left the company (Attrition = 'Yes')?
5. Find the highest and lowest Daily Rate per Business Travel category.

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GROUPED ANALYSIS

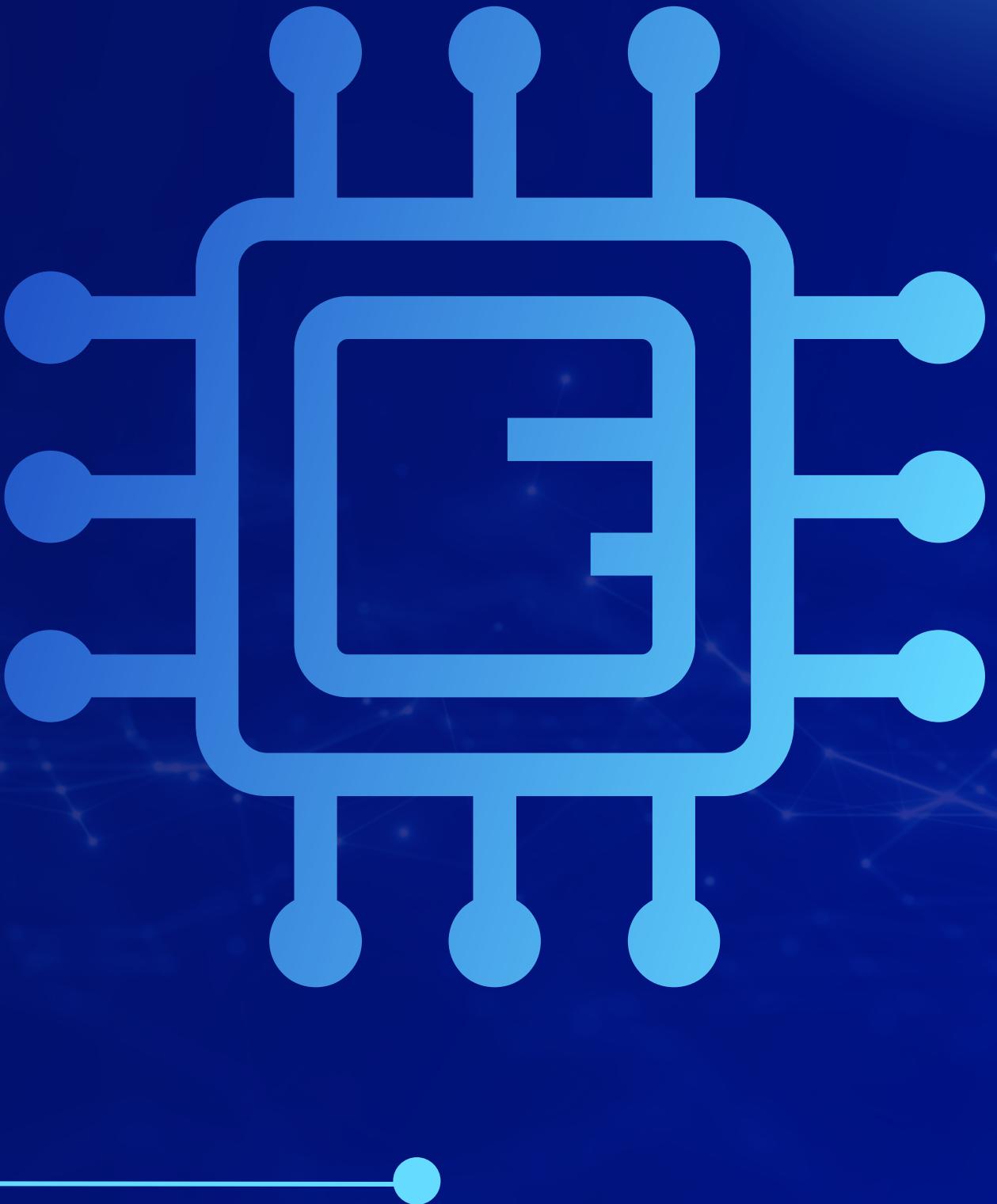
- 1.What is the average YearsAtCompany per MaritalStatus and Gender?
- 2.Group employees by EducationField and calculate average TotalWorkingYears.
- 3.What is the total number of employees per JobLevel and WorkLifeBalance?
- 4.Calculate the average PercentSalaryHike per PerformanceRating.
- 5.Find the total Monthly Income of employees with StockOptionLevel greater than 0, grouped by Department.



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FILTERED QUERY

1. List all employees who have more than 10 YearsAtCompany and have never been promoted (YearsSinceLastPromotion = 0).
2. Which employees have more than 3 TrainingTimesLastYear and WorkLifeBalance less than 2?
3. Find all employees whose JobSatisfaction is less than 3 and who are in Sales or Research & Development.
4. Show details of employees earning more than the average MonthlyIncome.



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TRENDS AND INSIGHTS

- 1.What is the correlation between JobInvolvement and PerformanceRating? (Can be explored via AVG per group).
- 2.Which EducationField has the highest average EnvironmentSatisfaction?
- 3.What is the distribution of Attrition by Age group (e.g., <30, 30-50, >50)?
- 4.Compare the number of employees who travel frequently vs. rarely and their average YearsWithCurrManager.
- 5.Find the average HourlyRate for employees who have changed companies more than twice.

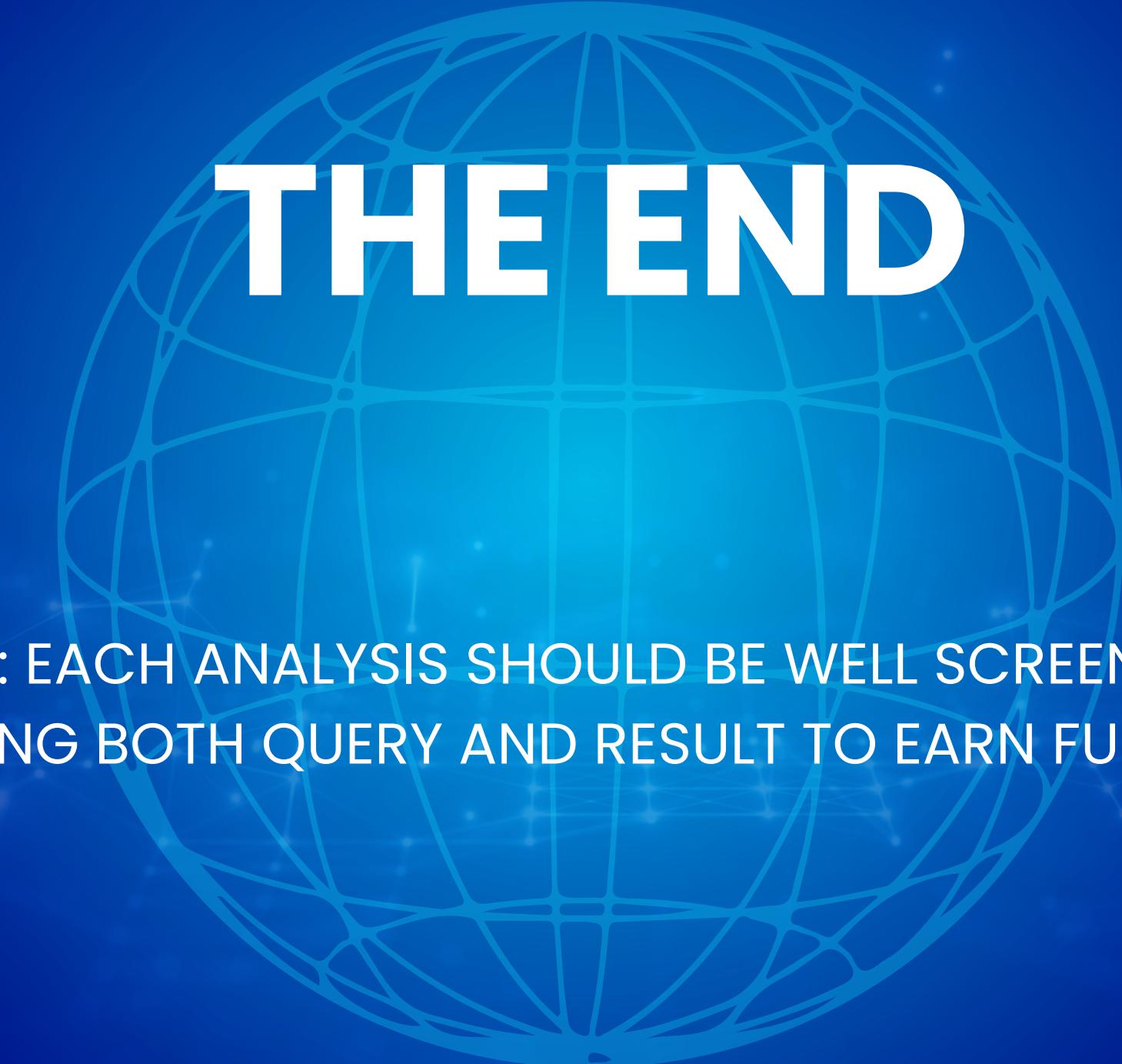


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ADVANCE SUBQUERIES

1. Who are the top 5 highest earners in the company based on MonthlyIncome, and what are their JobRoles and Departments?

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THE END

NOTE: EACH ANALYSIS SHOULD BE WELL SCRENSHORT
SHOWING BOTH QUERY AND RESULT TO EARN FULL MARKS