

PANDAS PROJECT

PART I

1. How many employees are there in the dataset?
2. What is the average age of the employees?
3. What is the highest salary among the employees?
4. What is the gender distribution among the employees?
5. Which department has the highest average salary?
6. What is the total salary expenditure for the company?
7. How many employees are in each department?
8. What is the age range of the employees (minimum and maximum age)?
9. What is the average salary by gender?
10. How many employees are above the age of 30?

PART II

11. Given a bonus rate of 10%, add an `employee_bonus` column to calculate the bonus amount for each employee based on their salary?
12. What is the total compensation (salary + bonus) for each employee?

To answer this question, you should add a new column named "Total Compensation" by summing the "Salary" and "employee_bonus" columns together for each row.

13. Save your new dataframe into a csv file

In []: