Question:  
Using the Pandas library, perform the following tasks:  
  
1. Create a DataFrame from the following data:  
 | Name | Age | Department | Salary |  
 |----------|-----|--------------|---------|  
 | John | 28 | HR | 45000 |  
 | Alice | 34 | IT | 60000 |  
 | Bob | 23 | Marketing | 35000 |  
 | Diana | 29 | Finance | 50000 |  
  
2. Write code to:  
 - Display the first 2 rows of the DataFrame.  
 - Add a new column named `Bonus` where the bonus is 10% of the salary.  
 - Calculate the average salary of employees in the DataFrame.  
 - Filter and display employees who are older than 25.

import pandas as pd

# Task 1: Creating the DataFrame

data = {

'Name': ['John', 'Alice', 'Bob', 'Diana'],

'Age': [28, 34, 23, 29],

'Department': ['HR', 'IT', 'Marketing', 'Finance'],

'Salary': [45000, 60000, 35000, 50000]

}

df = pd.DataFrame(data)

print("DataFrame:")

print(df)

# Task 2.1: Displaying the first 2 rows of the DataFrame

print("\nFirst 2 rows of the DataFrame:")

print(df.head(2))

# Task 2.2: Adding a new column named `Bonus` where the bonus is 10% of the salary

df['Bonus'] = df['Salary'] \* 0.10

print("\nDataFrame with Bonus column:")

print(df)

# Task 2.3: Calculating the average salary of employees in the DataFrame

average\_salary = df['Salary'].mean()

print(f"\nAverage Salary: {average\_salary}")

# Task 2.4: Filtering and displaying employees who are older than 25

filtered\_df = df[df['Age'] > 25]

print("\nEmployees older than 25:")

print(filtered\_df)