**LOAD**

**Ex.No. :3 230901039**

**Date :14-02-2025**

**AIM:**

To perform load operation on Jupyter notebook

**SOFTWARE USED:**

Jupyter notebook

**DESCRIPTION:**

1. Create a CSV file of employee details.
2. Open the CSV file using pandas.
3. Display the column headers of the file.
4. Extract a single column.
5. Display the details of a range of employees.
6. Display the details of a single employee.
7. Display the details of the employees whose salary=100000.
8. Display the salary column where salary is divided by 999.

**PROGRAM:**

**import** pandas **as** pd

d**=**pd**.**read\_csv("/Users/student/Downloads/230901039 - Sample Sheet - Sheet1 (1).csv")

print(d)

**import** pandas **as** pd

d**=**pd**.**read\_csv("/Users/student/Downloads/230901039 - Sample Sheet - Sheet1 (1).csv")

df**=**pd**.**DataFrame(d)

print("Columns:\n",df**.**columns)

print(df**.**shape)

**import** pandas **as** pd

d**=**pd**.**read\_csv("/Users/student/Downloads/230901039- Sample Sheet - Sheet1 (1).csv")

print("Team:\n",df['Team(department)'])

**import** pandas **as** pd

d**=**pd**.**read\_csv("/Users/student/Downloads/230901039 - Sample Sheet - Sheet1 (1).csv")

print(df[5:10])

**import** pandas **as** pd

d**=**pd**.**read\_csv("/Users/student/Downloads/230901039- Sample Sheet - Sheet1 (1).csv")

print("Particular Person details:\n",df**.**loc[2])

**import** pandas **as** pd

d**=**pd**.**read\_csv("/Users/student/Downloads/230901039 - Sample Sheet - Sheet1 (1).csv")

print(d**.**loc[d["Salary"]**==**10000])

**import** pandas **as** pd

d**=**pd**.**read\_csv("230901039CSV.csv")

df**=**d['Salary']**/**999

print(df)

**OUTPUT:**

SNo. First Name Gender Login Time Salary Bonus(%) Team(department)

0 1 Ravi Male 9:45 90000 20 Finance

1 2 Bharath Female 10:30 40000 20 Finance

2 3 Darwin Female 10:00 10000 11 HR

3 4 Chandran Female 11:00 10000 90 Finance

4 5 Darwin Female 8:15 30000 30 Finance

.. ... ... ... ... ... ... ...

95 96 Mike Female 9:45 110000 60 Finance

96 97 Darwin Female 8:15 80000 40 Finance

97 98 Darwin Female 9:25 90000 60 HR

98 99 Robert Male 11:30 40000 15 Finance

99 100 Sam Male 8:15 90000 25 Finance

[100 rows x 7 columns]

Columns:

Index(['SNo.', 'First Name', 'Gender', 'Login Time', 'Salary', 'Bonus(%)',

'Team(department)'],

dtype='object')

(100, 7)

Team:

0 Finance

1 Finance

2 HR

3 Finance

4 Finance

...

95 Finance

96 Finance

97 HR

98 Finance

99 Finance

Name: Team(department), Length: 100, dtype: object

SNo. First Name Gender Login Time Salary Bonus(%) Team(department)

5 6 Chandran Female 9:45 80000 90 HR

6 7 Robert Female 11:45 100000 20 HR

7 8 Sam Female 10:20 110000 60 HR

8 9 Ravi Female 10:20 70000 15 Finance

9 10 Sam Female 11:45 40000 25 HR

Particular Person details:

SNo. 3

First Name Darwin

Gender Female

Login Time 10:00

Salary 10000

Bonus(%) 11

Team(department) HR

Name: 2, dtype: object

SNo. First Name Gender Login Time Salary Bonus(%) Team(department)

2 3 Darwin Female 10:00 10000 11 HR

3 4 Chandran Female 11:00 10000 90 Finance

15 16 Ravi Female 11:30 10000 30 Finance

22 23 Chandran Female 8:30 10000 20 Finance

59 60 Sam Male 11:00 10000 70 HR

61 62 Bharath Male 11:45 10000 50 HR

83 84 Robert Female 10:30 10000 25 Finance

94 95 Ravi Female 9:45 10000 20 HR

0 90.09009

1 40.04004

2 10.01001

3 10.01001

4 30.03003

...

95 110.11011

96 80.08008

97 90.09009

98 40.04004

99 90.09009

Name: Salary, Length: 100, dtype: float64