

EX.7.3

This section is completely based on the assignment. You will be provided the set of tasks to perform using a Jupyter notebook with the time limit. You should complete the assignment before the required timeline.

Program

```
import pandas as pd

import numpy as np

data = pd.read_csv('your_file.csv')

print("Task 2:")

print(data.head())

mean_value = data['column_name'].mean()

print("\nTask 3:")

print(f"Mean value: {mean_value}")

data['column_name'].plot(kind='hist')

plt.title('Histogram of Column')

plt.xlabel('Column Values')

plt.ylabel('Frequency')

plt.show()

CSV file

data.to_csv('output_file.csv', index=False)

print("\nTask 5: Results saved to 'output_file.csv'")
```