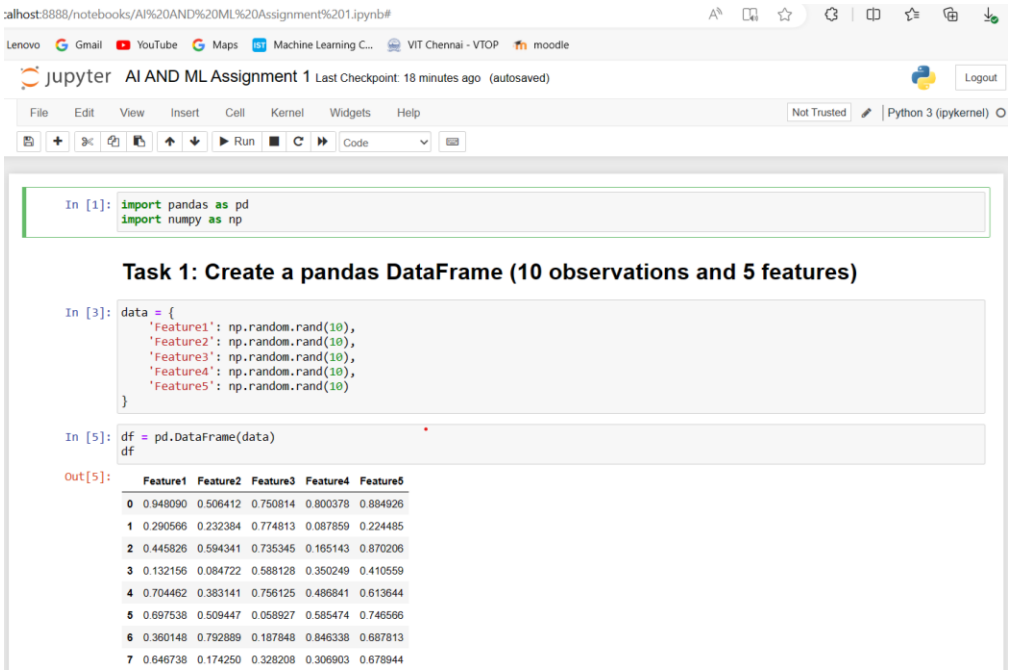

5	0.697538	0.509447	0.058927	0.585474	0.746566
6	0.360148	0.792889	0.187848	0.846338	0.687813
7	0.646738	0.174250	0.328208	0.306903	0.678944
8	0.896629	0.513190	0.313654	0.765850	0.928075
9	0.015918	0.544771	0.438575	0.642417	0.911739

Task 2: Check the info of 'df'

In [7]:
```
print("Task 2: Info of 'df'")
print(df.info())
```

```
Task 2: Info of 'df'
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10 entries, 0 to 9
Data columns (total 5 columns):
 #   Column    Non-Null Count  Dtype  
---  ------    --------------  -----  
 0   Feature1  10 non-null     float64
 1   Feature2  10 non-null     float64
 2   Feature3  10 non-null     float64
 3   Feature4  10 non-null     float64
 4   Feature5  10 non-null     float64
dtypes: float64(5)
memory usage: 528.0 bytes
None
```

Task 3: Check the descriptive statistics of 'df'

Task 3: Check the descriptive statistics of 'df'

In [8]:
```
print("\nTask 3: Descriptive statistics of 'df'")
print(df.describe())
```

```
Task 3: Descriptive statistics of 'df'
       Feature1   Feature2   Feature3   Feature4   Feature5
count  10.000000  10.000000  10.000000  10.000000  10.000000
mean    0.513807   0.433555   0.493244   0.503745   0.695696
std     0.315269   0.215171   0.263886   0.268778   0.230926
min     0.015918   0.084722   0.058927   0.087859   0.224485
25%     0.307962   0.270073   0.317293   0.317739   0.629969
50%     0.546282   0.507929   0.513351   0.536158   0.717189
75%     0.702731   0.536875   0.746947   0.734992   0.881246
max     0.948090   0.792889   0.774813   0.846338   0.928075
```

Task 4: Check the 4th index observation with 'loc' slicing operator ¶

In [9]:
```
print("\nTask 4: 4th index observation with 'loc'")
print(df.loc[3])
```

```
Task 4: 4th index observation with 'loc'
Feature1    0.132156
Feature2    0.084722
Feature3    0.588128
Feature4    0.350249
Feature5    0.410559
Name: 3, dtype: float64
```


Task 4: Check the 4th index observation with 'loc' slicing operator

In [9]:
```
print("\nTask 4: 4th index observation with 'loc'")
print(df.loc[3])
```

```
Task 4: 4th index observation with 'loc'
Feature1    0.132156
Feature2    0.084722
Feature3    0.588128
Feature4    0.350249
Feature5    0.410559
Name: 3, dtype: float64
```


Task 5: Check the null values in your 'df'

In [10]:
```
print("\nTask 5: Null values in 'df'")
print(df.isnull().sum())
```

```
Task 5: Null values in 'df'
Feature1    0
Feature2    0
Feature3    0
Feature4    0
Feature5    0
dtype: int64
```

In [ ]: