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Ex-no 2

```
import numpy as np # linear algebra
import pandas as pd # data processing, CSV file I/O (e.g. pd.read_csv)
import plotly.express as px
from plotly.subplots import make_subplots
import plotly.graph_objects as go
from scipy.stats import norm
import matplotlib.pyplot as plt
from collections import Counter
from tqdm import tqdm
```

```
df = px.data.iris()
df.head(10)
```

	sepal_length	sepal_width	petal_length	petal_width	species	species_id
0	5.1	3.5	1.4	0.2	setosa	1
1	4.9	3.0	1.4	0.2	setosa	1
2	4.7	3.2	1.3	0.2	setosa	1
3	4.6	3.1	1.5	0.2	setosa	1
4	5.0	3.6	1.4	0.2	setosa	1
5	5.4	3.9	1.7	0.4	setosa	1
6	4.6	3.4	1.4	0.3	setosa	1
7	5.0	3.4	1.5	0.2	setosa	1
8	4.4	2.9	1.4	0.2	setosa	1
9	4.9	3.1	1.5	0.1	setosa	1

```
a=df.sepal_length.mean()
b=df.sepal_width.mean()
c=df.petal_length.mean()
d=df.petal_width.mean()
print("Sepal length - Mean = ",a)
print("Sepal width - Mean = ",b)
print("Petal length - Mean = ",c)
print("Petal width - Mean = ",d)
```

```
Sepal length - Mean =  5.843333333333335
Sepal width - Mean =  3.0540000000000007
Petal length - Mean =  3.7586666666666693
Petal width - Mean =  1.1986666666666672
```