

```
In [1]: import pandas as dp
import numpy as np
from scipy.stats import bernoulli
import seaborn as sns
```

```
In [16]: data_bern = bernoulli.rvs(p=0.8, size=10000)
np.mean(data_bern)
```

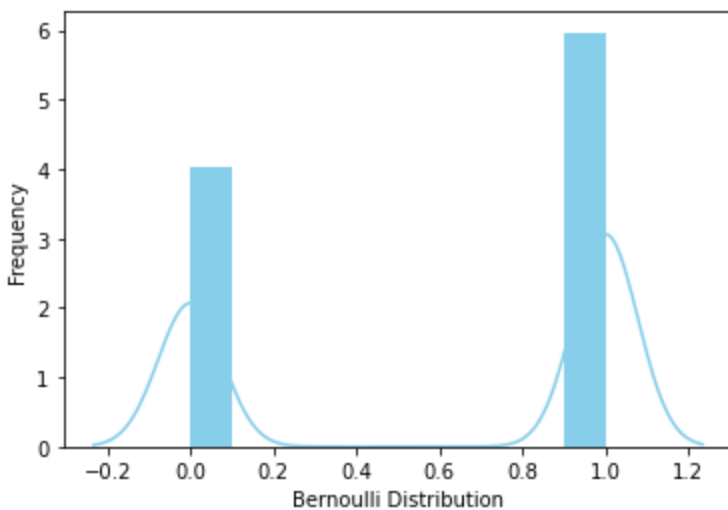
```
Out[16]: 0.7925
```

```
In [8]: ax = sns.distplot(data_bern, kde=True, color="skyblue", bins=10,
hist_kws={"linewidth": 25, "alpha": 1})
ax.set(xlabel='Bernoulli Distribution', ylabel='Frequency')
```

```
/Users/anshumalikarna/miniforge3/envs/BernaullisDistribution/lib/python3.9/site-package
s/seaborn/distributions.py:2619: FutureWarning: `distplot` is a deprecated function and
will be removed in a future version. Please adapt your code to use either `displot` (a f
igure-level function with similar flexibility) or `histplot` (an axes-level function for
histograms).
```

```
warnings.warn(msg, FutureWarning)
```

```
Out[8]: [Text(0.5, 0, 'Bernoulli Distribution'), Text(0, 0.5, 'Frequency')]
```



```
In [14]:
```

```
nan
```