

# A5\_Jeong,wonryeol

Jeong, wonryeol

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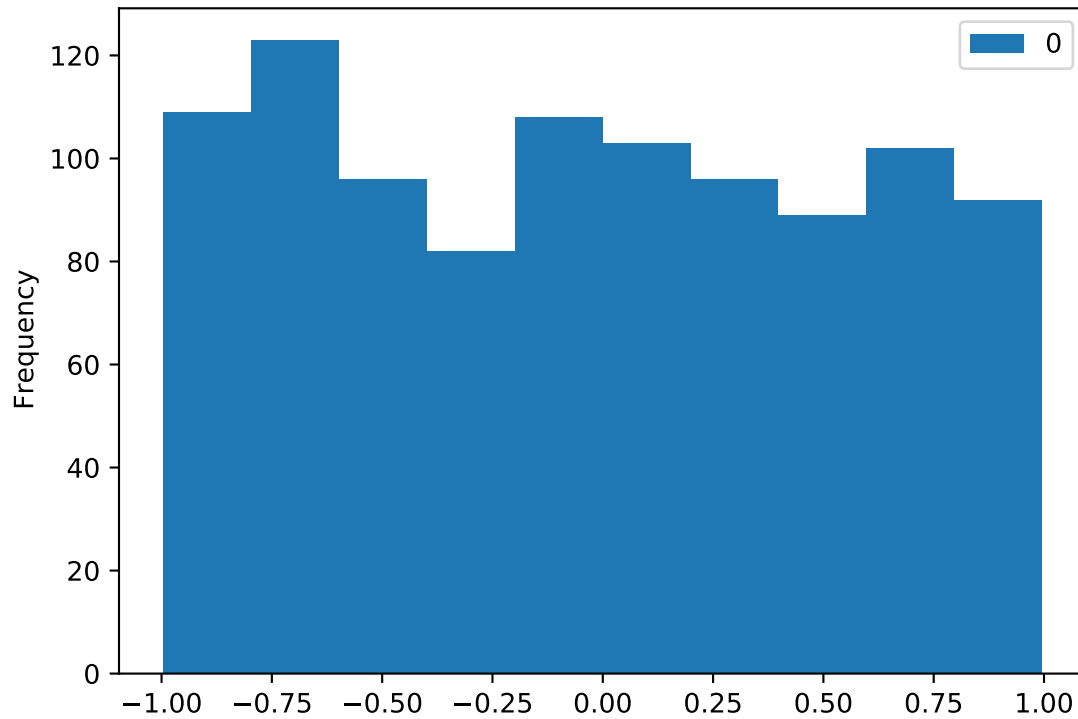
## Uniform random numbers 15p

```
import numpy as np
import pandas as pd

X = np.random.uniform(-1,1,1000)

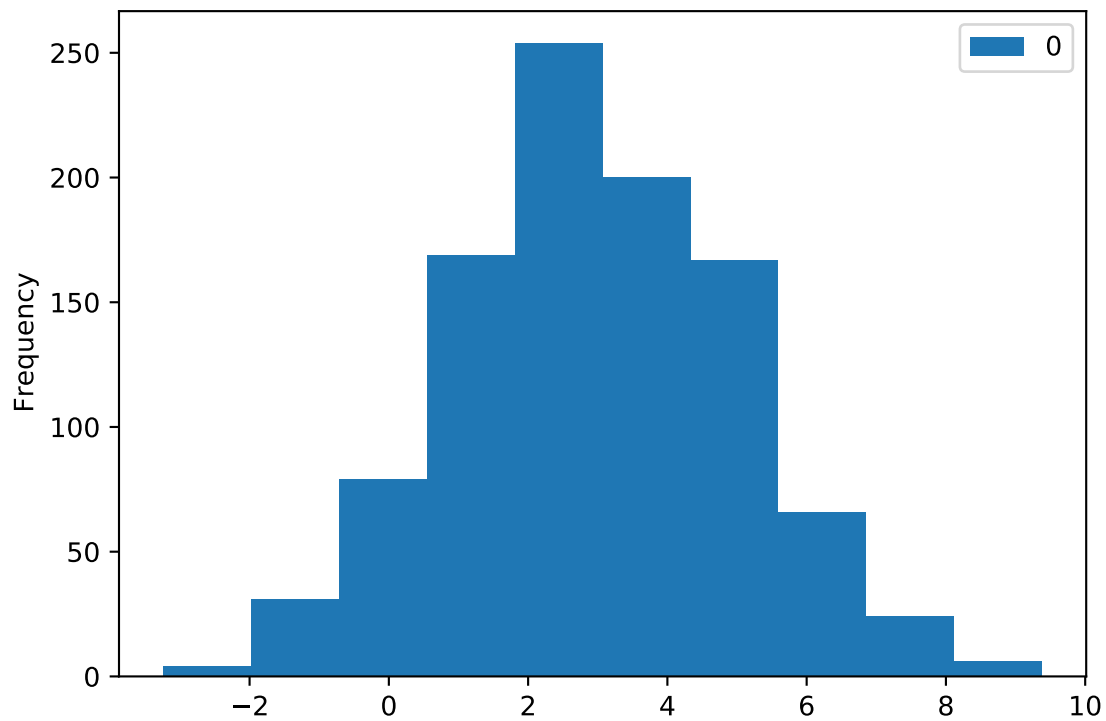
X = pd.DataFrame(X)

X.plot.hist()
```



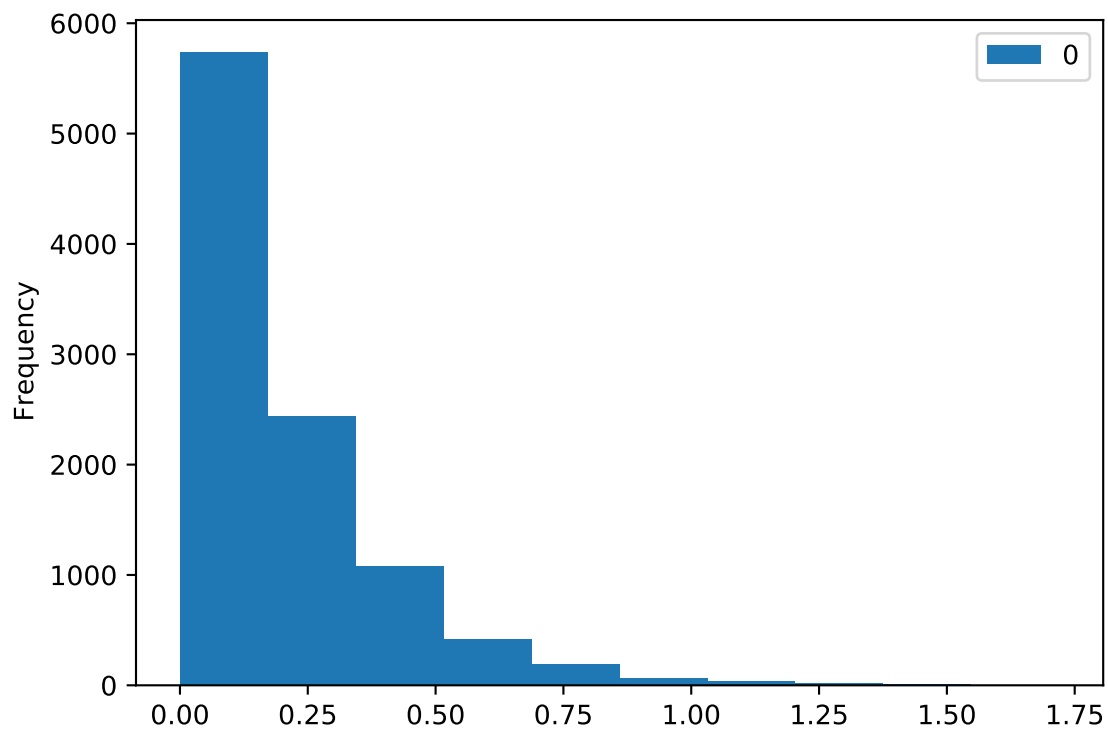
## Normal random numbers 16p

```
X = np.random.normal(3,2,1000)
X = pd.DataFrame(X)
X.plot.hist()
```



## Exponential random numbers 17p

```
X = np.random.exponential(1/5,size=10000)
X = pd.DataFrame(X)
X.plot.hist()
```



## Poisson random numbers 18p

```
x=np.random.poisson(5, size=10000)  
X = pd.DataFrame(X)  
X.plot.hist()
```

