Python library

__future__

2 3

```
from __future__ import print_function
```

Keras( )

Matplotlib( )

Ububtu
"UserWarning: Matplotlib is currently using agg, which is a non-GUI backend, so cannot show the figure." when plotting figure with pyplot on Pycharm

```
sudo apt-get install python3-tk
```

```
import matplotlip as plt
```

NumPy( )

https://numpy.org

Numpy ?

Numerical Python

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-
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- N
- array
- ( )
- (Broadcast)

```
import numpy as np
```

Numpy

- 1. numpy
- 2. numpy

np.arrange(num)
np.random.shuffle(index)

Pandas( )

-
-

```
import pandas as pd
```

SciPy( )

TensorFlow( )

seaborn( )

-

```
seaborn as sns
```

Scikit-learn( )

pip install

```
from sklearn import model_selection
```

, matplotlib, , , , ,