Python library

argparse

```
import argparse
```

__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

-
-
-   .

>

- 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,　　　　,　　　,　　　　　,　　　,