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# **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

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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( )

)

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TensorFlow( )

seaborn( )

•

seaborn as sns

### Scikit-learn(

pip install

from sklearn import model\_selection

, matplotlib, , , , , , , , ,

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