

# Python library

## argparse

```
import argparse
```

## \_\_future\_\_

```
2     3
```

```
from __future__ import print_function
```

## Keras( )

## Matplotlib( )

Ubuntu

“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 matplotlib 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, , , , ,
```

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