

Machine Learning

- Numpy
- Pandas
- Matplotlib
- Scikit-Learn

✓ Deep Learning

- Tensorflow
- Keras
- Pytorch
- Open CV

```
import numpy as np
```

```
a = np.ones(5)
```

```
a  
  
array([1., 1., 1., 1., 1.])
```

```
a = np.zeros(5)
```

```
a  
  
array([0., 0., 0., 0., 0.])
```

Different IDEs for running python code

- Pycharm
- VS Code
- Google Colab
- Kaggle Notebook

How to use GPU in Google Colab

1. Go to 'Edit'
2. 'Notebook Settings'
3. Set Hardware Accelerator to 'T4 GPU'