

PYTHON

Python is a general purpose programming Language.

What is a General Purpose Programming Language?

If we could able to develop different kinds of applications by using a programming language then such kind of languages are called General Purpose Programming Language

What do you means by different kinds of applications?

1. Web applications
2. Desktop applications
3. Mobile applications
4. Data Science related applications
5. IOT based applications
6. AWS automation
7. Devops developer

Examples: Java is used for Web and Mobile applications.

Before learning Python, You need to understand on which application you are interested for

Assume that if you are interested for **Web application developer** you need to learn **Python + Django + Rest api + Flask**

Assume that if you are interested for **Desktop application developer** you need to learn **Python + ktinker module**

Assume that if you are interested for **Mobile application developer** you need to learn **Python + kiwi**

Assume that if you are interested for **Data Scientist** you need to learn **Python + Statistics + Mathematics + Numpy + Pandas + Scipy + Scikit learn + Theano + Tensor flow**

Assume that if you are interested for **IOT based applications developer** you need to learn **Python + Resberry PI + Embedded C basics**

Assume that if you are interested for **AWS automation developer** you need to learn **Python + Boto3**

Assume that if you are interested for **Devops developer** you need to learn **Python + ANSIBLE**

Assume that if you are interested for **Automation Test engineer** you need to learn **Python + Selinium**

Assume that if you are interested for **Big data Developer** you need to learn **Python + Spark + Hadoop**