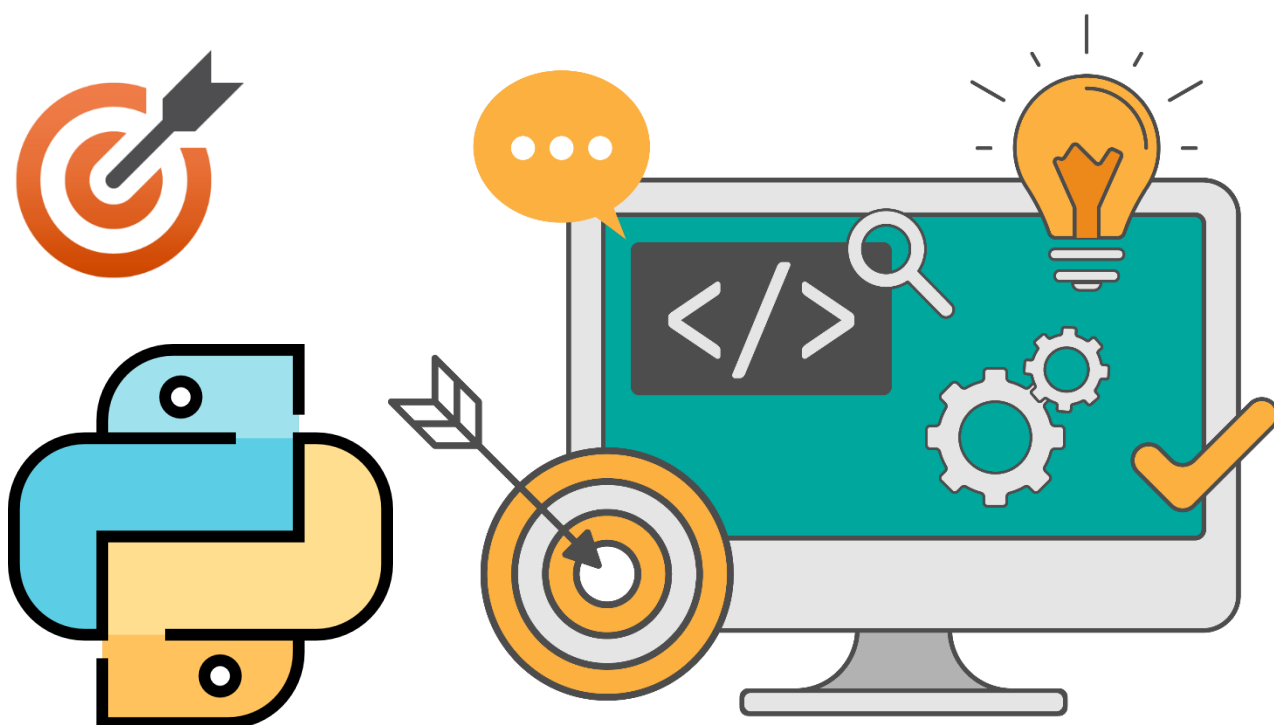**Complete**

Python for Beginners Notes

by **Rishabh Mishra**

Rishabh Mishra
7+ Years in Data Analytics

Save For Later

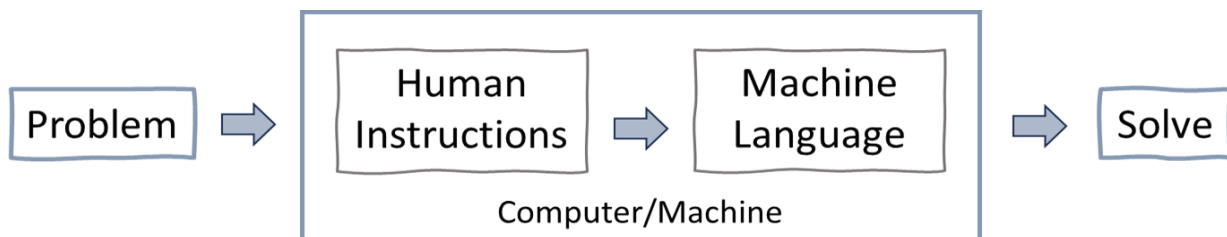# PYTHON TUTORIAL FOR BEGINNERS

Source: **www.youtube.com/@RishabhMishraOfficial**

Chapter – 01

Introduction to Python

- What is programming
- What is Python
- Popular programming languages
- Why Python
- Career with Python

What is Programming Language?

Programming is the process of creating sets of instructions that tell a computer how to perform specific tasks. These instructions, known as code, are written in programming languages that computer understand and executes to carry out various operations, such as solving problems, analysing data, or controlling device.

Popular programming languages: Python, C, C++, Java, Go, C#, etc.

What is Python?

Python is a high-level programming language known for its simplicity and readability.

Just like we use Hindi language to communicate and express ourselves,

Python is a language for computers to understand our instructions & perform tasks.

Note: Python was created by Guido van Rossum in 1991.

Popular programming languages

As per statista survey, Python is the most popular programming language.

Why Python?

Python is one of the easiest programming languages to learn and known for its versatility and user-friendly syntax, is a top choice among programmers.

Also, python is an open source (free) programming language and have extensive libraries to make programming easy. Python has massive use across different industries with excellent job opportunities.

Python is Dynamically Typed Example

In Python there is no declaration of a variable, just an assignment statement.

x = 8   *# here x is a integer*

x = "Python by Rishabh Mishra"   *# here x is a string*

print(type(x))   *# you can check the type of x*

Python – Easy to Read & Write

Ques1: Write a program to print "Hello World"

Python
```
print("Hello World")
```

C#
```
using System;
class Program
{
    static void Main()
    {
        Console.WriteLine("Hello World");
    }
}
```

Java
```
public class HelloWorld
{
    public static void main(String[] args)
    {
        System.out.println("Hello World");
    }
}
```