

# Summary of python course

In this course I learned all the basics of python right from how to print a simple state on the terminal using “print” function to creating user defined functions , classes , objects etc.

I learned about various data types in python like integers , float , string , Boolean and the predefines data structures like lists , dictionaries and tuples.

I also learned about modules in python and got some experience with random , numpy , pandas sklearn and other important modules along with a descent understanding of object oriented approach in python.

Most Importantly I completed some interesting hands on projects eith this tutorial that are:

1. Automation of Excel files: This project involves using Python to automate tasks related to Excel files. It might include tasks such as reading data from Excel, manipulating the data, performing calculations, and generating reports or visualizations.
2. Predicting favorite song using machine learning in Python: This project focuses on utilizing machine learning techniques in Python to predict a person's favorite song. It basically involves training a model using a dataset of songs and their features, such as genre and then using that model to predict the favorite song based on given inputs.
3. Building a webpage using Django: This project revolves around building a webpage using Django, which is a Python web framework. Django simplifies the process of creating web applications by providing a structure and tools for handling

various web-related tasks, such as handling requests, managing databases, and rendering dynamic web content.

4.