Worksheet 1.1

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Branch: CSE - AIML **Section/Group: 21AML - 9 - A**
Semester: 3rd
Subject Name: Python for Machine Learning **Subject Code 21CSH-238**

Aim/Overview of the practical:

Study of Python, Python Documentation, Anaconda, and Google Colaboratory.

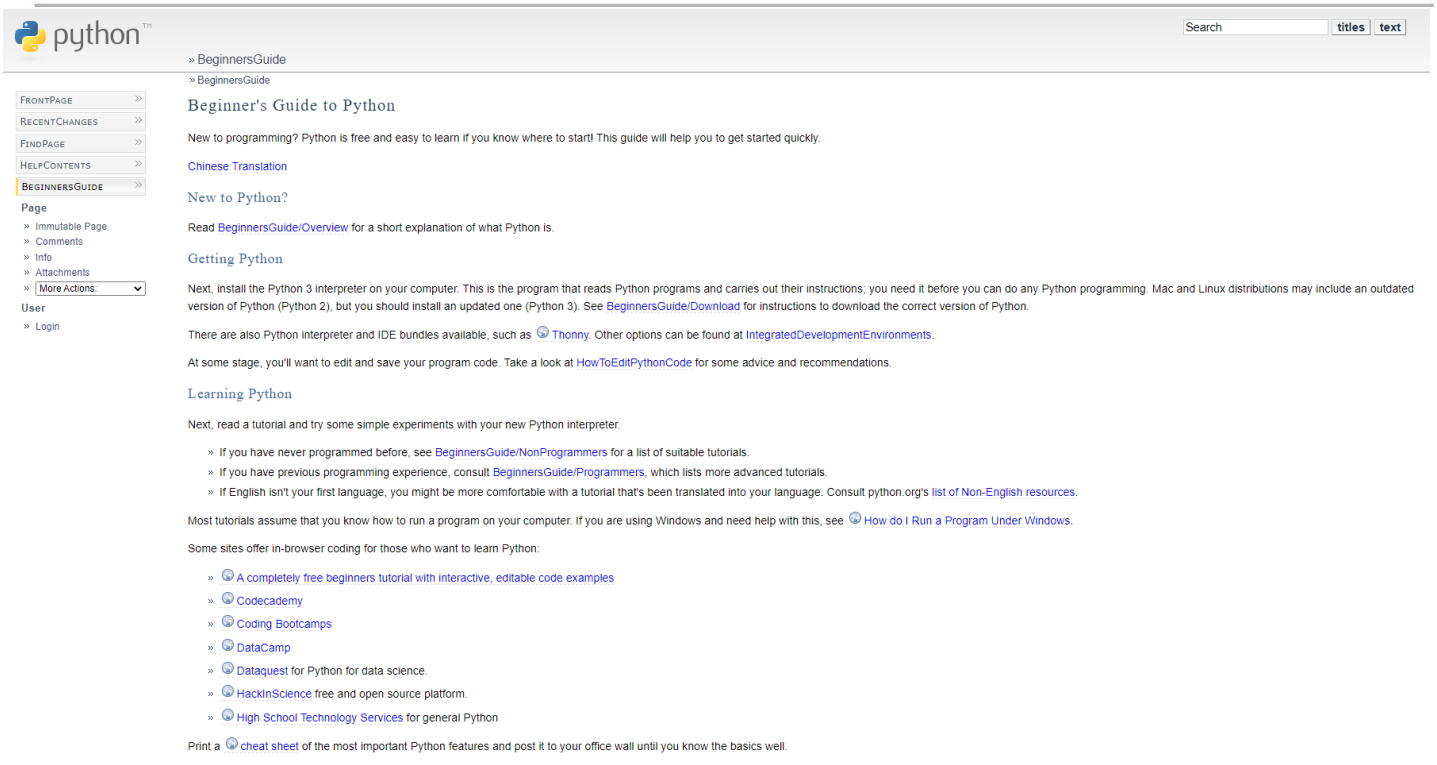
Tasks to be done:

a. Python Documentation Study
b. Python installation on local machine
c. Anaconda installation on local machine
d. Exploring Google Colab

Python Documentation Study:

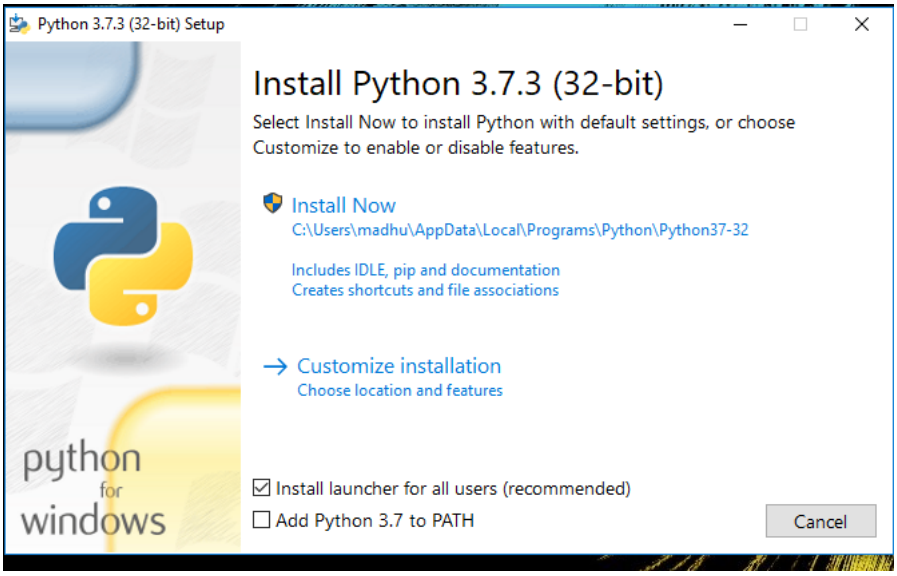
Python is a programming language that lets you work more quickly and integrate your systems more effectively.

Python Docs: https://wiki.python.org/moin/BeginnersGuide

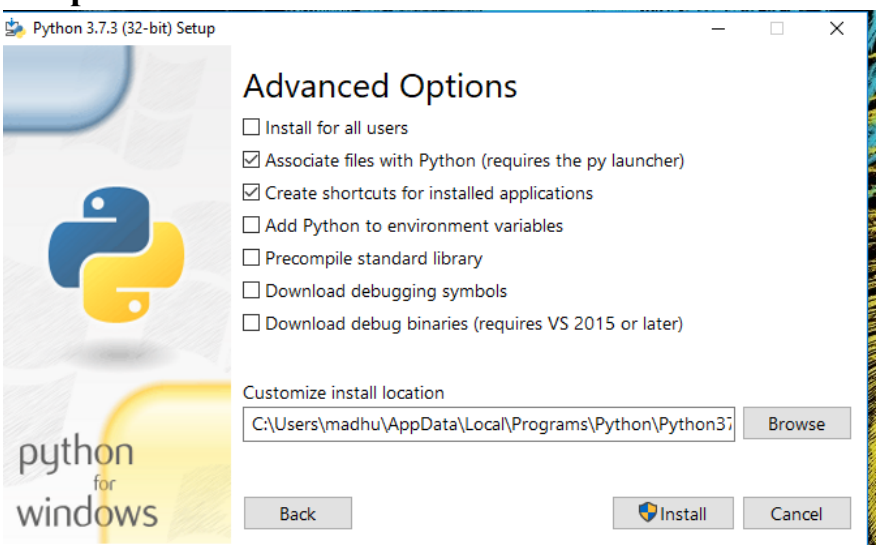


Python Installation:

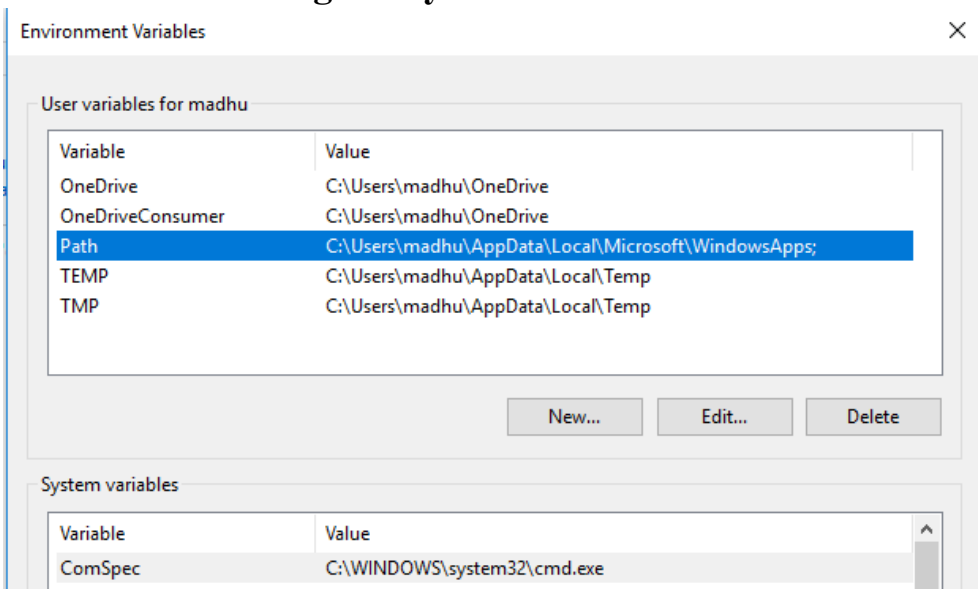
1. **Download Python Setup: https://www.python.org/downloads/**
2. **Run Executable Installer:**



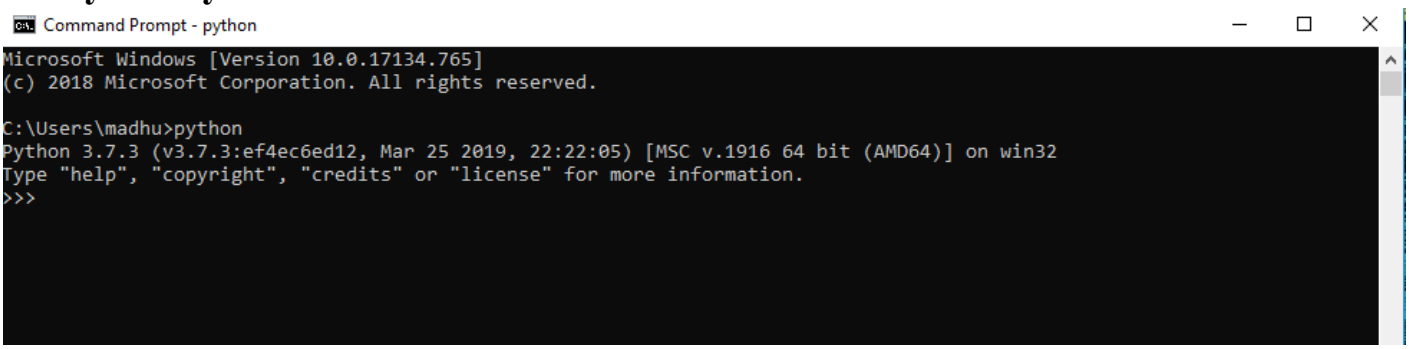
3. Setup Location and choose features:



4. In advanced settings of System add Environment Path Variable:



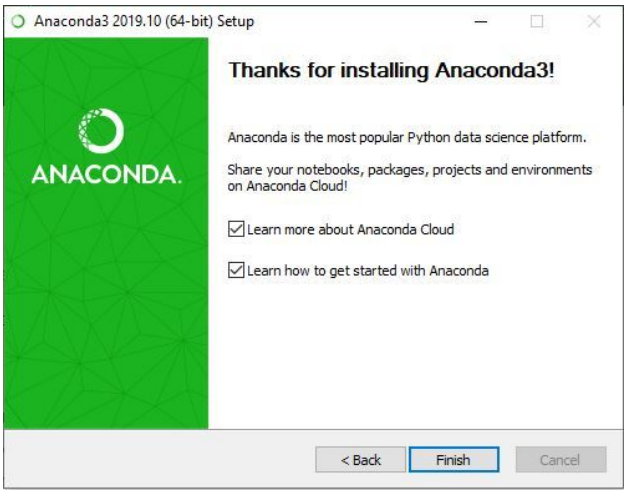
5. **Verify the Python Installation**



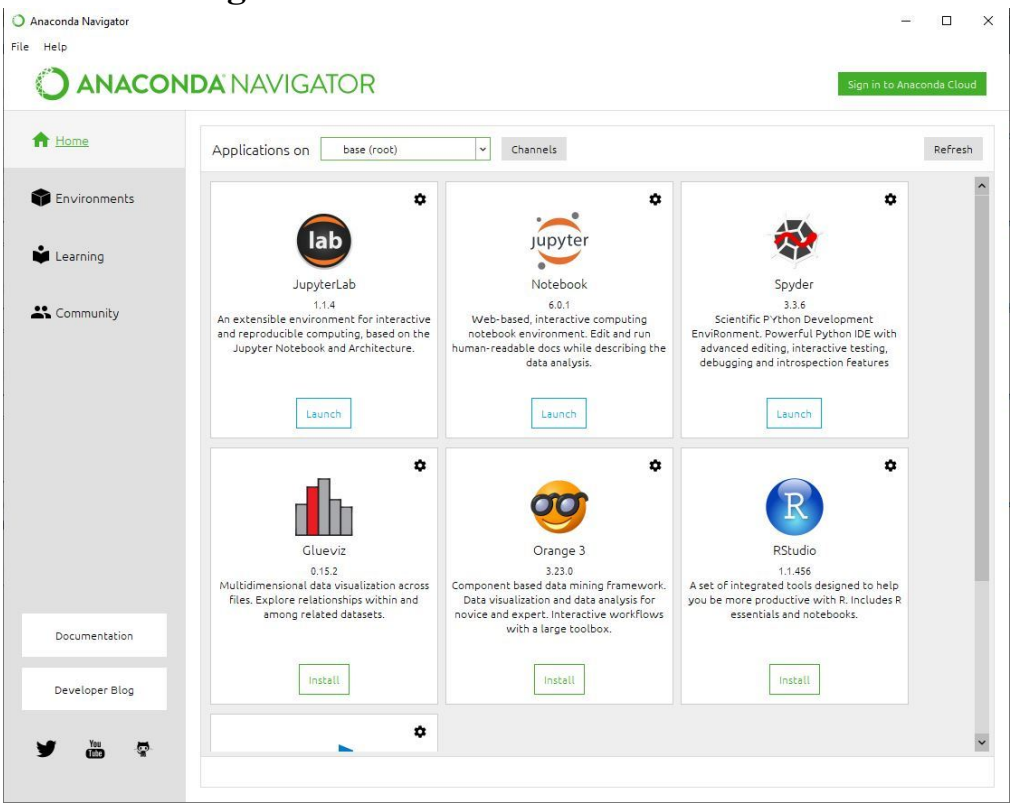
Anaconda Installation:

1. **Download Anaconda Setup:**
   https://www.anaconda.com/products/distribution#windows
2. **Run Executable:**

3. **Set Installation Location and finish the installation:**

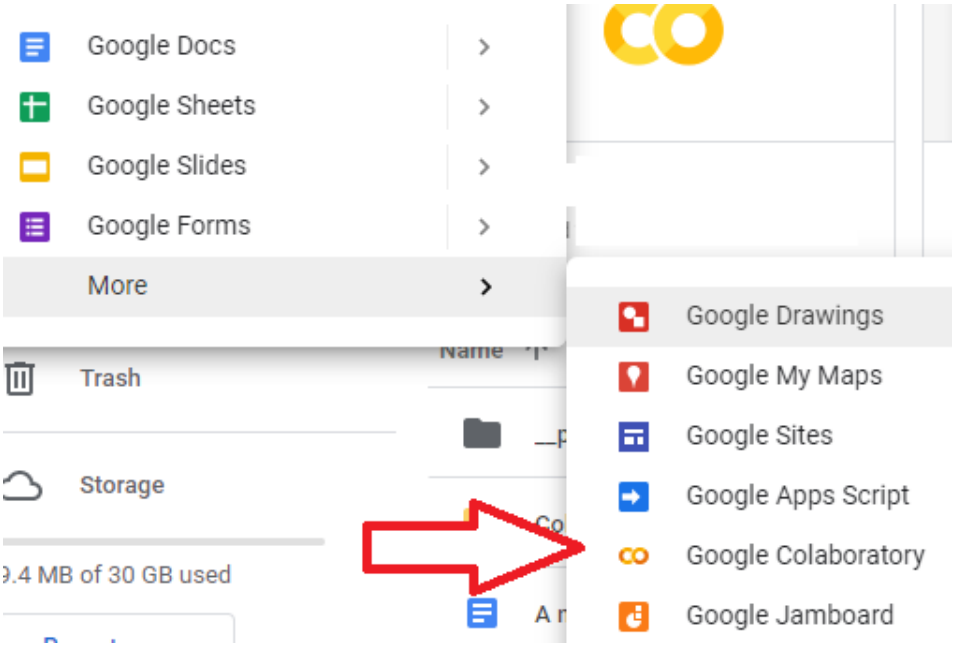


4. **Start Working in the Anaconda Environment.**

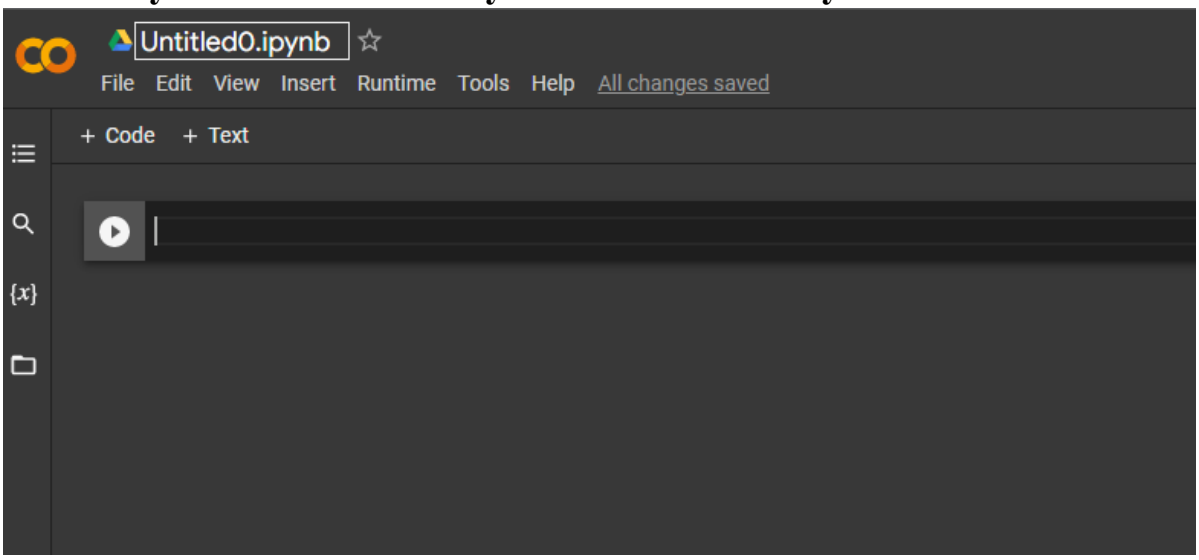


Google Colab for Python:

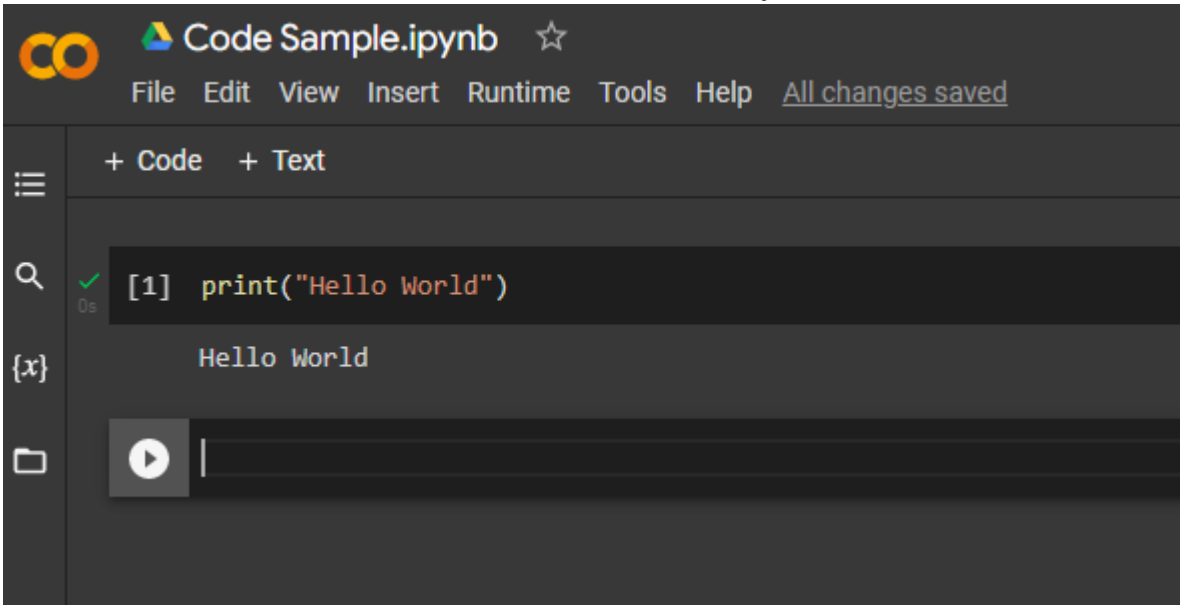
1. **Open a new Colab file in drive:**



2. **Rename your file to save it by the same name in your drive:**



3. **Write and Run code with a universal memory and cell-based code file structure:**



What I learned:

1. **Learned about Python Basics**
2. **Learned How to install Python on a Computer**
3. **Learned about Anaconda Installation**
4. **Learned about Google Cola**

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			