# **Python Programming for AI/ML by Billy**

Topics Covered

* Introduction to SQL
* Command Line Essentials
* Introduction to Python
* Introduction to Version Control
* Sub-Project 1

Variables – Simply names that are used to keep track of info

Variables will take the form of:

* Python Objects
* Numbers
* Strings
* Lists

Python objects are dynamically typed, meaning that you don’t have to declare them on creation

We could use hinting when creating variables to make our code more readable:

eg time:int = 34

Rules when creating variables

* Be descriptive and separate words using underscores
* No Spaces
* No punctuation/ unless underscores

We can access characters of a string through their index