Python Workshop Outline

***2 parts in total***

* Part 1:
  + Syntax
    - Indentation
    - Comments
  + Data types, Variables, and Operations
    - Ints & floats (math operations)
    - Strings (slicing, concatenation)
    - Char
    - \*\*\*Lists and Dictionaries (slicing, indexing, concatenation)
    - Boolean
  + If/else conditional statements
  + For loop/ while loop
* Part 2:
  + Functions/ function parameter (The use of point (.))
  + Libraries
  + Trace the code
  + Introduce useful IDE/ Python tutor
  + Brief introduction of Pandas/ Numpy