**TENTATIVE SCHEDULE**

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| **Date and Day: (Mon/Tue/Thu)** | **Topic** | **Duration (hrs)** | **Timing** |
| 02 – 01 – 25; Thursday | Tuples and Sets | 2 | 3:30pm – 5:30pm |
| 06 – 01 – 25; Monday | Dictionaries | 2 | 3:30pm – 5:30pm |
| 07 – 01 – 25; Tuesday | Functions | 2 | 3:30pm – 5:30pm |
| 09 – 01 – 25; Thursday | Try…Except, map, filter & reduce | 2 | 3:30pm – 5:30pm |
| 13 – 01 – 25; Monday | OOP: Python class and objects | 2 | 3:30pm – 5:30pm |
| 14 – 01 – 25; Tuesday | OOP: Inheritance | 2 | 3:30pm – 5:30pm |
| 16 – 01 – 25; Thursday | OOP: Polymorphism | 2 | 3:30pm – 5:30pm |
| 20 – 01 – 25; Monday | Scopes, Modules and lambda | 2 | 3:30pm – 5:30pm |
| 21 – 01 – 25; Tuesday | File handling | 2 | 3:30pm – 5:30pm |
| 23 – 01 – 25; Thursday | Numpy – 1 | 2 | 3:30pm – 5:30pm |
| 27 – 01 – 25; Monday | Numpy – 2 | 2 | 3:30pm – 5:30pm |
| 28 – 01 – 25; Tuesday | Pandas - 1 | 2 | 3:30pm – 5:30pm |
| 30 – 01 – 25; Thursday | Pandas – 2 | 2 | 3:30pm – 5:30pm |

**Mode of Teaching**: Didactic lecture with coding and online demonstration.

**Requirements**: Working computer with internet connection.

**Pre-requisites**: No forehand knowledge of programming or computing is required. However, curiosity and will to learn are desirable.

**Assignments**: At the end of each session. All assignments to be submitted as jupyter notebooks via github prior to the next session

**Grading**: Based on timely submission of assignment