

Week 1 : Mentoring session – PDS

Learning Objectives of the session:

* Introduction of mentor and group
* Brief about Python and Data Analytics
* Hands on case study – Basics on Python

Structure of the Session

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| **Time**  **Distribution of 2 hours** | **Topic** | **Detail** |
| First 40 Min | Introduction | * Introduction of mentor and group * Introduction about Data Analytics |
| 15 mins | Basics about Python | * How to launch Jupyter * How to open ipnyb file * How to set working directory * How to change working directory |
| 5 mins | By the Alums Slide | * **Spend some time to motivate the learner who are new to Programming.** Let the learners know they will become comfortable with coding by next 3-4 months. |
| 40 min | Working on Case-lets | * Two case-lets: “Data-types” and “Conditional Statement and Loops” – Write the codes in the session * Engage them by asking them to run few commands of python * Summarize the key learnings from the case study. |
| 10 min | Industry perspective | * Share from your experience on how analytics concepts are used in real life scenarios. |
| 10 min | Doubt Clearing and Summarizing the session | * Clarify the doubts from week 1 * Summarize the week by stating the key takeaways * Brief about the next session on Numpy and Pandas |