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| **SESSION PLAN** | | | | |
| **Session Name** | | Python: Getting Started | | |
| **Learning Outcomes** | | | | |
| * Understand Python's data structures and be able to apply them. * Know how variables work is able to manipulate them. * Learn the use of different operators in Python. | | | | |
| **Prerequisites for the Students**  * Python: Getting Started - Go through the concept and solve the tasks and assessments. | | | | |
| **Student Activities** | | | | |
| * Discuss with the Mentor what you have learned. * What do you know about the python language? * Overview of Getting Started with Python   + Variables in Python   + Data Structures in Python   + Membership and Identity operators * Code Walkthrough (refer the GitHub repo) * Questions and Discussion on doubts - AMA | | | | |
| **Next Session** | | | | |
| * Concept - Handling Problem Flow with Python * Key topics to be highlighted - highlight where they would need to spend more time and importance w.r.t Data Science.   + Conditional Statements   + Exception handling   + The file I/O   + Classes in Python * Understanding the object-oriented programming paradigm would be a little bit challenging for non-programmers. Do not get overwhelmed. | | | | |