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| Session Title | Python and Research |
| Intended Learning Outcomes | By the end of the session you will be able to:   1. Understand how and when to use python to aid in your research. 2. The capabilities of the language that can be applied to many problems. |

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| ILO | Duration of section | Description of Activity | What actions will be taken to make the session inclusive | Resources  needed |
| 1,2  2  1,2  1 | 10mins  5mins  5mins  10mins | Introduction into why we use programming in science research through group discussion.  Cases where python is used and some examples  Showing how python is used in my research in different ways. Showing live analysis examples.  Group task where people can discuss how they might use python for there own research. | Pairs will discuss then feed back to the bigger group.  Concise slides that don’t contain much code. So we don’t alienate those that are not python literate.  Provide links to the examples online after for people to experiment with themselves  Groups with no more than 3 that will engage back to the group describing there field and how they think they can use python | Slide show |

Peer Feedback:

Based on the plan presented, what questions/ideas do you have regarding the Active and Inclusive aspects of the session:

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