

Day 1

Time	Format	Topic	Instructor	Resource
9am – 11am	In-person via zoom	Why python? A python primer	Gaby	Intro slides, 00_python_primer
11 am - noon	In-person via zoom	Python tools for data science	Roshni	Python_objects intro 01_python_tools
1pm-2pm	In-person via zoom	Python tools for data science Data wrangling, cleaning, summarizing	Gaby	02_python_pandas
2pm -5pm	Asynchronous material	Data Munging	Gaby available via Slack	Day 1 independent work videos

Day 2

Time	Format	Topic	Instructor	Resource
9am-9:30	Q &A	Day 1 material	Gaby and Roshni	
9:30am –10:30am	In-person via zoom	Data Visualization/Stats	Roshni	Day 2 introduction
10:30am-12:30pm	Asynchronous material	Data Visualization	Roshni and Gaby available via Slack	Day 2 independent work videos
1:30pm - 2:30pm	In-person via zoom	Statistical Analysis pipeline	Roshni	04_stat_intro
2:30pm-4:00pm	Asynchronous material	Statistical Analysis using Python	Roshni and Gaby available via Slack	stats_python_practice
4:00pm-4:30pm	In-person via zoom	Q&A	Roshni	

Day 3

Time	Format	Topic	Instructor	Resource
9am –10am	In-person via zoom	Data analytics: Machine Learning	Gaby	ML slides, 06_python_learning
10am – noon	Asynchronous material	Data analytics: Machine Learning	Gaby and Roshni available via Slack	Day 3 independent work videos
1pm -2:00pm	In-person via zoom	String manipulation, RegEx, intro to bioinformatics	Gaby	07_python_appl
2:00-3:30pm	Asynchronous material	Use of skills learned in ML/bio application	Gaby and Roshni available via Slack	Day 3 Project - 08_genomics_proje ct
4:00 – 4:30 pm	In-person via zoom	Explanation of tools, Q&A, miscellaneous	Gaby	07_python_appl