Monday 13-Jan-2020 10:30 amWQU DS Module Introductory Video<https://youtu.be/QUQSY7pmuSQ>Monday 13-Jan-2020 10:30 am1.1.1 Basic Programming & Variables<https://youtu.be/3phV29yvWO8>Monday 13-Jan-2020 10:30 am1.1.2 Functions<https://youtu.be/SytwpgZ5k6U>Monday 13-Jan-2020 10:30 am1.1.3 Logic & Conditional Expressions<https://youtu.be/CyjsNEFjLVk>Monday 13-Jan-2020 10:30 am1.1.4 Iteration<https://youtu.be/MIjqvWgfdq8>Monday 13-Jan-2020 10:30 am1.2.1 Data Structures (list)<https://youtu.be/GGhWL_r_CSE>Monday 13-Jan-2020 10:30 am1.2.2 Data Structures (tuple)<https://youtu.be/jDuGDuzGkyE>Monday 13-Jan-2020 10:30 am1.2.3 Data Structures (set)<https://youtu.be/b4odPCnUcwA>Monday 13-Jan-2020 10:30 am1.2.4 Data Structures (dict)<https://youtu.be/Acv69ca9Bu8>Monday 13-Jan-2020 10:30 am1.2.5 Data Structures (collections module)<https://youtu.be/cS2xi4Ut0lY>Monday 20-Jan-2020 10:30 am2.1.1 Algorithms and Complexity Analysis<https://youtu.be/PL15zDN5cCA>Monday 20-Jan-2020 10:30 am2.1.2 Computational/Time Complexity<https://youtu.be/X9O5vGqMl1s>Monday 20-Jan-2020 10:30 am2.1.3 Recursion & Memoization<https://youtu.be/8yaoYqokmPk>Monday 20-Jan-2020 10:30 am2.1.4 Memory Complexity & Data Structures<https://youtu.be/RuPUm5nbNQY>Monday 20-Jan-2020 10:30 am2.2.1 What is an Object?<https://youtu.be/21Ia8yZtQqU>Monday 20-Jan-2020 10:30 am2.2.2 Introduction to Classes<https://youtu.be/wxNT_vPQihE>Monday 20-Jan-2020 10:30 am2.2.3 Defining Useful Classes<https://youtu.be/Zi4DqsSXHUE>Monday 20-Jan-2020 10:30 am2.2.4 Object-Oriented Programming & Inheritance<https://youtu.be/UxR8ZPTMkuc>Monday 20-Jan-2020 10:30 am2.3.1 VC Miniproject Intro & Hackerrank Coding Challenges<https://youtu.be/k80mHM-VqBQ>Monday 27-Jan-2020 10:30 am3.1.1 Pythonic Programming<https://youtu.be/20WhvoAQVIc>Monday 27-Jan-2020 10:30 am3.1.2 Python Modules & Imports<https://youtu.be/9xdmBjurb7c>Monday 27-Jan-2020 10:30 am3.1.3 Exceptions & Debugging<https://youtu.be/dvU2UY6QM5I>Monday 27-Jan-2020 10:30 am3.2.1 Basic Python IO<https://youtu.be/TCJktfMOaPw>Monday 27-Jan-2020 10:30 am3.2.2 File System Operations in Python<https://youtu.be/_9BHLex7FC8>Monday 27-Jan-2020 10:30 am3.2.3 CSV Files<https://youtu.be/kZiE5nZPH5E>Monday 27-Jan-2020 10:30 am3.2.4 JSON Files<https://youtu.be/fI0nOob4fuA>Monday 27-Jan-2020 10:30 am3.2.5 Compression & GZip Files<https://youtu.be/Z3MQ8_zpczI>Monday 27-Jan-2020 10:30 am3.2.6 Serialization & Pickle Files<https://youtu.be/uPwk_TbHGdY>Monday 27-Jan-2020 10:30 am3.3.1 PW Miniproject Intro<https://youtu.be/sCB8g4D-0DA>Monday 3-Feb-2020 10:30 am4.1.1 Intro to NumPy<https://youtu.be/eI-7PDaWfPk>Monday 3-Feb-2020 10:30 am4.1.2 Creating NumPy Arrays<https://youtu.be/3gXD67pTVP4>Monday 3-Feb-2020 10:30 am4.1.3 Advantages of NumPy<https://youtu.be/NOzCJa16gHw>Monday 3-Feb-2020 10:30 am4.1.4 Computation with NumPy<https://youtu.be/QF9TQ9Yj6tc>Monday 3-Feb-2020 10:30 am4.1.5 Mutating NumPy Arrays<https://youtu.be/UPd2zcr5Tbc>Monday 3-Feb-2020 10:30 am4.1.6 Plotting with Matplotlib<https://youtu.be/mRxAAcGRR2U>Monday 3-Feb-2020 10:30 am4.1.7 Intro to Pandas<https://youtu.be/zu4uCw79iRU>Monday 10-Feb-2020 10:30 am5.1.1 Pandas Overview<https://youtu.be/LLltyyJH9kk>Monday 10-Feb-2020 10:30 am5.1.2 Pandas IO<https://youtu.be/KmmwUVrYMOQ>Monday 10-Feb-2020 10:30 am5.1.3 Filtering DataFrames<https://youtu.be/EkCWEMe6cSg>Monday 10-Feb-2020 10:30 am5.1.4 Data Transformations<https://youtu.be/3HdYzqh8Bag>Monday 10-Feb-2020 10:30 am5.1.5 Data Aggregation<https://youtu.be/_93sDSezpD8>Monday 10-Feb-2020 10:30 am5.1.6 Joins & Multiple DataFrames<https://youtu.be/0QEgP-m8MFE>Monday 10-Feb-2020 10:30 am5.1.7 Time Series Data<https://youtu.be/WzIHzSet8WY>Monday 10-Feb-2020 10:30 am5.2.1 Intro to Statistics<https://youtu.be/y54T0l8LilY>Monday 10-Feb-2020 10:30 am5.2.2 Estimating Means<https://youtu.be/qsDQHeqJuhw>Monday 10-Feb-2020 10:30 am5.2.3 Standard Error of the Mean<https://youtu.be/T_EC239eoM4>Monday 10-Feb-2020 10:30 am5.2.4 Hypothesis Testing & Z-Scores<https://youtu.be/FDOZK1DYh2w>Monday 10-Feb-2020 10:30 am5.2.5 Parameter Estimation & Confidence Intervals<https://youtu.be/W6fFG3x5-zE>Monday 10-Feb-2020 10:30 am5.3.1 DW Miniproject Intro<https://youtu.be/xgna885PXg0>Monday 10-Feb-2020 10:30 amExtra Statistics Videos<https://www.youtube.com/playlist?list=PLVNgHN883b8FuKC-Fpnh72thE4m7J1nNO>Monday 17-Feb-2020 10:30 am6.1.1 Data Munging & Web Scraping<https://youtu.be/wV4BU2caSOs>Monday 17-Feb-2020 10:30 am6.1.2 Cleaning & Structing Data<https://youtu.be/dtAEkwMUWZk>Monday 17-Feb-2020 10:30 am6.1.3 Dealing with Multiple Data Sources<https://youtu.be/ci9AvvnON4g>Monday 17-Feb-2020 10:30 am6.1.4 Data Munging in Pandas<https://youtu.be/1Y8e8UhsvME>Monday 24-Feb-2020 10:30 am7.1.1 SQL & Relational Databases<https://youtu.be/1VkpuNpEqKA>Monday 24-Feb-2020 10:30 am7.1.2 Basic SQL Syntax<https://youtu.be/5i9OvFAPbAs>Monday 24-Feb-2020 10:30 am7.1.3 Filtering & Sorting Data in SQL<https://youtu.be/LEmp_AaIxGM>Monday 24-Feb-2020 10:30 am7.1.4 Joins & Aggregations in SQL<https://youtu.be/HLTotdjNvl4>Monday 24-Feb-2020 10:30 am7.1.5 Comparison of SQL Flavors<https://youtu.be/PeGsrKiJRY8>Monday 2-Mar-2020 10:30 am8.1.1 Introduction to Object Relation Mapping<https://youtu.be/ZkOCn4FWd0Q>Monday 2-Mar-2020 10:30 am8.1.2 Using Classes for Applications<https://youtu.be/unLMZzFsx1Q>Monday 2-Mar-2020 10:30 am8.1.3 Translating Classes into SQL with ORM<https://youtu.be/ZT0gt0F88Ks>Monday 2-Mar-2020 10:30 am8.1.4 Pushing Objects to SQL & Making Queries<https://youtu.be/88UKnoER9lw>Monday 2-Mar-2020 10:30 am8.2.1 Course Conclusion<https://youtu.be/pAT_9CkcsU4>Monday 2-Mar-2020 11:00 pmOffice Hour 29<https://www.youtube.com/channel/UCW5qH1I2RMA0CnJ0uo7OTvQ/live>Wednesday 4-Mar-2020 3:00 amOffice Hour 30<https://www.youtube.com/channel/UCW5qH1I2RMA0CnJ0uo7OTvQ/live>Wednesday 4-Mar-2020 11:00 pmOffice Hour 31<https://www.youtube.com/channel/UCW5qH1I2RMA0CnJ0uo7OTvQ/live>Friday 6-Mar-2020 3:00 amOffice Hour 32<https://www.youtube.com/channel/UCW5qH1I2RMA0CnJ0uo7OTvQ/live>Friday 6-Mar-2020 11:00 amOFFICE HOURS PLAYLIST<https://www.youtube.com/playlist?list=PLeDYvCW3J3jlHj1BPwbKwVZxsBOLJ66fX>