

\$\$	Day	Module	Type	Lesson I	Lesson II	Leson III	Lab I	Lab II	mini-project
Week 1	Tuesday	01 - Session I Programming Fundamentals	Lecture	1. Bash	2. Git and Github				
Week 1	Thursday	02 - Session I Python Fundamentals	Lecture	1. Intro Python - Data Types					
Week 1	Saturday	03 - Session II Python Fundamentals	Lecture	1. Intro Python - Data Types	2. Flow Control I		lab-dict-sets-tuple		
Week 2	Tuesday	04 - Session III Python Fundamentals	Lecture	1. Flow control II			lab-control-flow		
Week 2	Thursday	05 - Session IV Python Fundamentals	Lecture	1. Comprehension lists			lab-list-comprehension		
Week 2	Saturday	06 - Session V Python Fundamentals	Lecture	1. Error Handling	2. Pseudocode	3.Regex			
Week 3	Tuesday	07 - Session VI Python Fundamentals	Lecture	1.Functions	1.OOP		lab-functions		
Week 3	Thursday	08 - Session VII Python Fundamentals	Lecture	1.Functions					
Week 3	Saturday	09 - Session VIII Python Fundamentals	Project	1.OOP					Vikings-Project
Week 4	Tuesday	10 - Session VIII Python Fundamentals	Lecture	1.Map, Filter, Reduce			lab-map-filter-reduce	lab_encapsulation_modularization	
Week 4	Thursday	11 - Session X Python APIs	Lecture	1. Numpy			lab-numpy		
Week 4	Saturday	12 - Session XI Python APIs	Lecture	1. Pandas - Explorations					
Week 5	Tuesday	13 - Session XII Python APIs	Lecture	1. Pandas I - Methods	2. Pandas II - Aggregation & Combination		lab-pandas	lab-pandas-merge	
Week 5	Thursday	14 - Session XIII Python APIs	Lecture	Visualization I					
Week 5	Saturday	15 - Session XIV Python APIs	Lecture	Extra Visualization II - Plotly	[Introduction] Capstone Project I				
Week 6	Tuesday	[Python Fundamentals & APIs] Capstone Project I	Project	1.Introduction and Exploratory Data Analysis (EDA)					
Week 6	Thursday	[Python Fundamentals & APIs] Capstone Project I	Project	1.Data Quality Analysis					
Week 6	Saturday	[Python Fundamentals & APIs] Capstone Project I	Project	1.Cohort Analysis Fundamentals					
Week 7	Tuesday	[Python Fundamentals & APIs] Capstone Project I	Project	1.Advanced Cohort Analysis and Insights Extraction					
Week 7	Thursday	[Python Fundamentals & APIs] Capstone Project I	Project	1.Finalizing Analysis and Preparing Presentation Slides					
Week 7	Saturday	[Python Fundamentals & APIs] Capstone Project I	Project	1.Presentation	2.Retrospective/Feedback Session				
Week 8	Tuesday	22 - Session XV Python APIs	Lecture	1. Data scrapping I			lab-scraping		
Week 8	Thursday	23 - Session XVI Python APIs	Lecture	2. Data scrapping II					
Week 8	Saturday	24 - Session I Database Fundamentals	Lecture	1. database fundamentals I	2. database fundamentals II				
Week 9	Tuesday	25 - Session II SQL	Lecture	1. sql fundamental I			lab_sql	lab-into-to-mysql	
Week 9	Thursday	26 - Session III SQL	Lecture	1. sql basics			lab-mysql-basics	lab-mysql-select	
Week 9	Saturday	27 - Session IV SQL	Lecture	1. sql advanced			lab-sql-join-multiple-tables	lab-window-functions	
Week 10	Tuesday	[SQL] Mini-project I	Project	1. IronHack media interview					Mini-project I
Week 10	Thursday	[SQL] Mini-project I	Project	1.IronHack media interview			lab-common-table-expressions	lab-mysql-subqueries	Mini-project I
Week 10	Saturday	[SQL] Mini-project II	Project	1. IronHack eCharger SQL interview			lab-mysql-regex		Mini-project II
Week 11	Tuesday	31 - Session VII Pyspark	Lecture	1. Introduction to Big Data & Pyspark					
Week 11	Thursday	32 - Session VIII Pyspark	Lecture	1. Advanced spark Fundamental					
Week 11	Saturday	33 - Session Tableau	Lecture	1. Tableau from 0 to hero					
Week 12	Tuesday	34 - Session PowerBI	Lecture	1. PowerBi from 0 to hero					
Week 12	Thursday	[PowerBI] Capstone Project II	Project	1. EDA + PBI					
Week 12	Saturday	[PowerBI] Capstone Project II	Project	1. PBI setup	2. Project Presentations				
Week 13	Tuesday	[Recap] Capstone Project III	Project	1. EDA					
Week 13	Thursday	[Recap] Capstone Project III	Project	1. Analysis and Strategy					
Week 13	Saturday	[Recap] Capstone Project III	Project	1. Presentation	2.Retrospective/Feedback Session				
Week 14	Tuesday	40 - Data Analytics I	Lecture	1.Fundamental Statistics for Computer-Based Systems			lab-probability-intro	lab-descriptive-stats	

Week 14	Thursday	41 - Data Analytics I	Lecture	1.Fundamental Statistics for Computer-Based Systems		lab-continuous-probability-distributions	lab-descriptive-stats
Week 14	Saturday	42 - Data Analytics II	Lecture	1. ab testing	2. Q&A/Retrospective	lab-hypothesis-testing	
Week 15	Tuesday	43 - Data Analytics III	Lecture	Regression I			
Week 15	Thursday	44 - Data Analytics IV	Lecture	Regression II		lab-regression-analysis	
Week 15	Saturday	Data Analytics V	Lecture	1.Bayesian Probability			
Week 16	Tuesday	Data Analytics V	Lecture	1.Machine Learning I		lab-intro-to-sklearn	
Week 16	Thursday	Data Analytics V	Lecture	1.Machine Learning II		lab-supervised-learning	
Week 16	Saturday	Data Analytics V	Lecture	1.Machine Learning III	2.Machine Learning IV	lab-supervised-model-evaluation	
Week 17	Tuesday	Data Analytics VI	Lecture	1. Unsupervised Learning			
Week 17	Thursday	Data Analytics VI	Lecture	1. Unsupervised Learning		lab-unsupervised-learning	
Week 17	Saturday	Review day	Lecture	1. Review ML topics	2. Retrospective		
Week 18	Tuesday	Data Analytics VII	Lecture	1. Deep Learning I			
Week 18	Thursday	Data Analytics VII	Lecture	1. Deep Learning II			
Week 18	Saturday	Review day	Lecture	1. Review ML topics	2. Retrospective		
Week 19	Tuesday		FINAL PROJECT				
Week 19	Thursday		FINAL PROJECT				
Week 19	Saturday		FINAL PROJECT				
Week 20	Tuesday		FINAL PROJECT				
Week 20	Thursday		FINAL PROJECT				
Week 20	Saturday		FINAL PROJECT				
Week 21	Tuesday		FINAL PROJECT				
Week 21	Thursday		FINAL PROJECT				
Week 21	Saturday		FINAL PROJECT				
Week 22	Tuesday		FINAL PROJECT				
Week 22	Thursday		FINAL PROJECT				
Week 22	Saturday		FINAL PROJECT				
Week 23	Tuesday		FINAL PROJECT				
Week 23	Thursday		FINAL PROJECT				
Week 23	Saturday		FINAL PROJECT				
Week 24	Tuesday		FINAL PROJECT				
Week 24	Thursday		FINAL PROJECT				
Week 24	Saturday		FINAL PROJECT				
Week 25	Tuesday		FINAL PROJECT				
Week 25	Thursday		FINAL PROJECT				
Week 25	Saturday		FINAL PROJECT				