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

43 - Data Analytics III	Lecture	Regression_I		
44 - Data Analytics IV	Lecture	Regression II		lab-regression-analysis
Data Analytics V	Lecture	1.Bayesian Probability		
Data Analytics V	Lecture	1.Machine Learning I		lab-intro-to-sklearn
Data Analytics V	Lecture	1.Machine Learning II		lab-supervised-learning
Data Analytics V	Lecture	1.Machine Learning III	2.Machine Learning IV	lab-supervised-model-evaluation
Data Analytics VI	Lecture	1. Unsupervised Learning		
Data Analytics VI	Lecture	1. Unsupervised Learning		lab-unsupervised-learning
Review day	Lecture	1. Review ML topics	2. Retrospective	
Data Analytics VII	Lecture	1. Deep Learning I		
Data Analytics VII	Lecture	1. Deep Learning II		
Review day	Lecture	1. Review ML topics	2. Retrospective	
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			
	FINAL PROJECT			