Data Science and Machine Learning
Delivery Schedule
17 Dec 2022

Course	Topic	Content Release Date	Assessment Deadline	Weekend Starting (Sat)	Mentored Learning Session
Prework	Python Programming and Basic Statistics & Probability	Available on enrollment			
Foundations of Data Science	Python for Data Science	15-Dec-2022	8-Jan-2023	7-Jan-2023	Yes
	Statistics for Data Science	5-Jan-2023	15-Jan-2023	14-Jan-2023	Yes
	Project 1	5-Jan-2023	15-Jan-2023	-	
Learning Break				*21-Jan-2023*	
Making Sense of Unstructured Data	Introduction, Clustering, Spectral Clustering, Components, and Embeddings	12-Jan-2023	29-Jan-2023	28-Jan-2023	Yes
Learning Break w/ Hands-on Masterclass 1				*4-Feb-2023*	
Regression and Prediction	Classical Linear and Nonlinear Regression and Extensions, Modern Regression with High-Dimensional Data, The Use of Modern Regression for Causal Inference	25-Jan-2023	12-Feb-2023	11-Feb-2023	Yes
Learning Break w/ Hands-on Masterclass 2				*18-Feb-2023*	
Classification and Hypothesis Testing	Hypothesis Testing and Classification	9-Feb-2023	26-Feb-2023	25-Feb-2023	Yes
	Project 2	9-Feb-2023	26-Feb-2023	-	
Learning Break w/ Hands-on Masterclass 3				*4-Mar-2023*	
Deep Learning	Deep Learning	23-Feb-2023	12-Mar-2023	11-Mar-2023	Yes
Recommendation Systems	Recommendations and Ranking, Collaborative Filtering, Personalized Recommendations	9-Mar-2023	19-Mar-2023	18-Mar-2023	Yes
	Project 3	9-Mar-2023	19-Mar-2023	-	
Networking and Graphical Models	Introduction, Networks, Graphical Models	16-Mar-2023	-	25-Mar-2023	Optional Masterclass
Self-paced Modules					
Predictive Analytics	Predictive Modeling for Temporal Data, Feature Engineering	23-Mar-2023	-	1-Apr-2023	Optional Masterclass
Hackathon		**7-Apr-2023**	**9-Apr-2023**		

Note:

The schedule is subject to change based on any improvements in the program structure or the availability of the mentor.

Assessment here means either a Quiz or a Project.

Mentored learning sessions and additional sessions will either happen on a Saturday or a Sunday on the weekend.