

Data Science and Machine Learning

Delivery Schedule

14 Jan 2023

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	Available on enrollment	22-Jan-2023	21-Jan-2023	Yes
	Statistics for Data Science	19-Jan-2023	29-Jan-2023	28-Jan-2023	Yes
	Project 1	19-Jan-2023	29-Jan-2023	-	
Learning Break				4-Feb-2023	
Making Sense of Unstructured Data	Introduction, Clustering, Spectral Clustering, Components, and Embeddings	25-Jan-2023	12-Feb-2023	11-Feb-2023	Yes
Learning Break w/ Hands-on Masterclass 1				18-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	9-Feb-2023	26-Feb-2023	25-Feb-2023	Yes
Learning Break w/ Hands-on Masterclass 2				4-March-2023	
Classification and Hypothesis Testing	Hypothesis Testing and Classification	23-Feb-2023	12-Mar-2023	11-Mar-2023	Yes
	Project 2	23-Feb-2023	12-Mar-2023	-	
Learning Break w/ Hands-on Masterclass 3				18-Mar-2023	
Deep Learning	Deep Learning	9-Mar-2023	26-Mar-2023	25-Mar-2023	Yes
Recommendation Systems	Recommendations and Ranking, Collaborative Filtering, Personalized Recommendations	23-Mar-2023	2-Apr-2023	1-Apr-2023	Yes
	Project 3	23-Mar-2023	2-Apr-2023	-	
Networking and Graphical Models	Introduction, Networks, Graphical Models	30-Mar-2023	-	8-Apr-2023	Optional Masterclass
Self-paced Modules					
Predictive Analytics	Predictive Modeling for Temporal Data, Feature Engineering	6-Apr-2023	-	15-Apr-2023	Optional Masterclass
Hackathon		14-Apr-2023	16-Apr-2023		PM will share the details
Closing Ceremony				22-Apr-2023	PM will share the details

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.

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