

Program Delivery Schedule - June'23

PGP - Artificial Intelligence & Machine Learning

Orientation Session 10-Jun-2023

Structured Modules						
	#	Module	Course	Content Release Date	Assessment Deadline	Mentored Learning Session Weekend
Foundations	0	Pre-Work	Data Science Primer #1	-	-	4-Jun
			Data Science Primer #2	-	-	11-Jun
			Generative AI Primer	Available on enrollment	-	17-Jun
			Data Science Primer #3	-	-	18-Jun
			Data Science Primer #4	-	-	25-Jun
	1	Python - Foundations	Introduction to Python	Available on enrollment	25-Jun	24-Jun
			Independence Day Break			
			Python for Data Science	15-Jun	9-Jul	8-Jul
			AI Application Case Study #1	-	-	15-Jul
			Data Visualization	22-Jun	23-Jul	22-Jul
			Exploratory Data Analysis	13-Jul	30-Jul	29-Jul
			Project Support Session	-	-	5-Aug
			AI Application Case Study #2	-	-	12-Aug
Project 1			20-Jul	12-Aug	13-Aug	
Machine Learning	2	Machine Learning	Intro to Supervised Learning: Linear Regression	10-Aug	20-Aug	19-Aug
			Decision Trees	17-Aug	27-Aug	26-Aug
			Labor Day Break			
			K-means Clustering	24-Aug	10-Sep	9-Sep
			Project 2	17-Aug	15-Sep	16-Sep
	Hackathon					
	3	Advanced Machine Learning	Bagging	14-Sep	24-Sep	23-Sep
			Boosting	21-Sep	1-Oct	30-Sep
			Model Tuning Techniques	28-Sep	8-Oct	7-Oct
			Project 3	28-Sep	15-Oct	14-Oct
Deep Learning			4	Introduction to Neural Networks	Pre-Work Deep Learning	12-Oct
	Introduction to Deep Neural Networks	19-Oct			29-Oct	28-Oct
	Building Blocks of Neural Network	26-Oct			5-Nov	4-Nov
	Break					
	Project 4	26-Oct			17-Nov	18-Nov
	Hackathon					
	5	Introduction to Computer Vision	Pre-Work Computer Vision	16-Nov	Learning + Thanksgiving Break	
			Introduction to Computer Vision	16-Nov	3-Dec	2-Dec
			Transfer Learning	30-Nov	10-Dec	9-Dec
			Project 5	30-Nov	15-Dec	16-Dec
6		Introduction to Natural Language Processing	Pre-Work Natural Language Processing	14-Dec	Christmas & New Year Break	
	Vectorization and Sentiment Analysis using ML		21-Dec	5-Jan	6-Jan	
	Sequential Natural Language Processing		4-Jan	14-Jan	13-Jan	
	Project 6		4-Jan	19-Jan	20-Jan	
Self-paced Modules						
	7	Statistical Learning	Available on enrollment		-	-
	8	Recommendation Systems	Post module 6		-	-
	9	Model Deployment	Post module 6		-	-

NOTES >>	1	This schedule might change in the future as and when the design of the program is improved upon.
	2	The assessment deadlines here mean the end of the day. The exact time will vary for different time zones.
	3	Assessment here could mean either a quiz or a project.
	4	Hackathons are optional, non-graded, and fun learning competitions.