

Program Delivery Schedule - July'20

PGP - Artificial Intelligence & Machine Learning

Orientation Session- 18-July-2020



Structured Modules						
	M #	Module	Course	Content Release Date	Assessment Deadline	Mentored Learning Session Weekend
Pework	0	Pework	Introduction to Python	Available on enrollment	-	-
Machine Learning	1	Foundations for AIML	Introductory Session with mentor	-	-	25-Jul
			Python - 1	17-Jul	31-Jul	1-Aug
			Python - 2	30-Jul	7-Aug	8-Aug
			EDA	6-Aug	21-Aug	22-Aug
			Project 1	14-Aug	28-Aug	29-Aug
	2	Supervised Learning	Linear Regression	27-Aug	4-Sep	5-Sep
			Logistic Regression	3-Sep	11-Sep	12-Sep
			Project 2	3-Sep	18-Sep	19-Sep
	3	Ensemble Techniques	Decision Trees	17-Sep	25-Sep	26-Sep
			Ensemble Techniques	24-Sep	2-Oct	3-Oct
			Project 3	24-Sep	9-Oct	10-Oct
	4	Model Tuning	Feature Engineering	8-Oct	16-Oct	17-Oct
			Model Tuning	15-Oct	23-Oct	24-Oct
			Project 4	15-Oct	30-Oct	31-Oct
	5	Unsupervised Learning	K means Clustering	29-Oct	6-Nov	7-Nov
			Hierarchical Clustering	5-Nov	13-Nov	21-Nov
			Project 5	5-Nov	27-Nov	28-Nov
Deep Learning	6	Introduction to Neural Networks	Pre-work for Deep Learning	26-Nov	-	-
			Intro to ANN, Tensorflow and Keras	3-Dec	11-Dec	12-Dec
			Building Blocks of ANN	10-Dec	8-Jan	9-Jan
			Project 6	10-Dec	15-Jan	16-Jan
	7	Introduction to Computer Vision	Intro to CNN - Working with Images	14-Jan	22-Jan	23-Jan
			Introduction to CNNs	21-Jan	8-Jan	9-Jan
			Project 7	21-Jan	15-Jan	16-Jan
	8	Introduction to Natural Language Processing	Intro to NLP- Working with Text Data	14-Jan	22-Jan	23-Jan
			Sentiment Analysis	21-Jan	29-Jan	30-Jan
Self-paced	9	Statistical Learning	Basic Statistics	Available on enrollment		
			Inferential Statistics	Available on enrollment		
			Hypothesis Testing	Available on enrollment		
			Practice Project	Available on enrollment		
	10	Recommendation Systems	Intro to RecoSys, Market Basket Analysis, Popularity Based and Content Based Reco Sys	8-Feb		
			Collaborative Filtering, SVD Approach, Hybrid Reco Sys	8-Feb		
			Practice Project	8-Feb		

NOTES >>

- 1 This schedule might change in future as and when the design of the program is improved upon.
- 2 The assessment deadlines here mean end of the day - generally a Friday. Exact deadline time will vary for different timezones, but it will always be beyond end of the day for the dates mentioned here.
- 3 Assessment here could mean either a quiz or a project.