Program Delivery Schedule - June'20

TEXAS McCombs
The University of Texas at Austin
McCombs School of Business

greatlearning
Learning for Life

PGP - Artificial Intelligence & Machine Learning

Orientation Session- 13-June-2020

	M #	Module	Course	Content Release Date	Assessment Deadline	Mentored Learning Session Weekend
		Structured Modules				
Prework	0	**Prework**	Introduction to Python	-	-	-
Machine Learning	1	**Foundations for AIML**	Introductory Session	NA	NA	20-Jun
			Python - 1	12-Jun	26-Jun	27-Jun
			Python - 2	25-Jun	3-Jul	4-Jul
			EDA	2-Jul	10-Jul	11-Jul
			Project 1	9-Jul	17-Jul	18-Jul
	2	**Supervised Learning**	Linear Regression	16-Jul	24-Jul	25-Jul
			Logistic Regression	23-Jul	31-Jul	1-Aug
			Project 2	23-Jul	7-Aug	8-Aug
	3	**Ensemble Techniques**	Decision Trees	6-Aug	14-Aug	22-Aug
			Ensemble Techniques	20-Aug	28-Aug	29-Aug
			Project 3	20-Aug	4-Sep	5-Sep
	4	**Model Tuning**	Feature Engineering	3-Sep	11-Sep	12-Sep
			Model Tuning	10-Sep	18-Sep	19-Sep
			Project 4	10-Sep	25-Sep	26-Sep
	5	**Unsupervised Learning**	K means Clustering	24-Sep	2-Oct	3-Oct
			Hierarchical Clustering	1-Oct	9-Oct	10-Oct
			Project 5	1-Oct	16-Oct	17-Oct
Deep Learning	6	**Neural Networks**	Pre-work for Deep Learning	15-Oct		
			Intro to ANN, Tensorflow and Keras	22-Oct	30-Oct	31-Oct
			Building Blocks of ANN	29-Oct	6-Nov	7-Nov
			Project 6	29-Oct	13-Nov	21-Nov
	7	**Computer Vision**	Intro to CNN - Working with Images	19-Nov	27-Nov	28-Nov
			Introduction to CNNs	26-Nov	4-Dec	5-Dec
			Project 7	26-Nov	11-Dec	12-Dec
	8	**Natural Language Processing**	Intro to NLP- Working with Text Data	10-Dec	8-Jan	9-Jan
			Sentiment Analysis	10-Dec	15-Jan	16-Jan
			Project 8	7-Jan	22-Jan	23-Jan
Self-paced	9	**Statistical Learning**	Basic Statistics			
			Inferential Statistics			
			Hypothesis Testing			
			Practice Project			
	10	**Recommendation Systems**	Intro to RecoSys, Market Basket Analysis, Popularity Based and Content Based Reco Sys			
			Collaborative Filtering, SVD Approach, Hybrid Reco Sys			
			Practice Project			

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.