

# Program Delivery Schedule - August'20

## PGP - Artificial Intelligence & Machine Learning

Orientation Session- 15-August-2020



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

### NOTES >>

- This schedule might change in future as and when the design of the program is improved upon.
- 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.
- Assessment here could mean either a quiz or a project.