

## Program Delivery Schedule - Jul'21

### PGP - Data Science & Business Analytics



#### Orientation Session

17-Jul-2021

Structured Modules					
M #	Module	Course	Content Release Date	Assessment Deadline	Mentored Learning Session Weekend
0	Pework	Programming Basics and Intro to Python	Available on enrollment		
		Introductory Session			24-Jul
1	Python - Foundations	Introduction to Python	Available on enrollment	1-Aug	31-Jul
		Python for Data Science	22-Jul	8-Aug	7-Aug
		Data Visualisation with Python	29-Jul	15-Aug	14-Aug
		EDA	5-Aug	22-Aug	21-Aug
		Project 1	12-Aug	27-Aug	28-Aug
2	Business Statistics	Labour Day Break			
		Inferential Statistics	26-Aug	12-Sep	11-Sep
		Hypothesis Testing	9-Sep	19-Sep	18-Sep
		Project 2	9-Sep	24-Sep	25-Sep
3	Supervised Learning - Foundations	Data preparation for modeling	23-Sep	3-Oct	2-Oct
		Linear Regression	30-Sep	10-Oct	9-Oct
		Mid Program Break			
		Project 3	30-Sep	22-Oct	23-Oct
4	Supervised Learning - Classification	Logistic Regression	21-Oct	31-Oct	30-Oct
		Diwali Break			
		Decision Trees	28-Oct	14-Nov	13-Nov
		Project 4	28-Oct	19-Nov	20-Nov
5	Ensemble Techniques	Thanks Giving Break			
		Ensemble Methods - Random Forest	18-Nov	5-Dec	4-Dec
		Boosting - GBM, XGBM, Adaboost	25-Nov	12-Dec	11-Dec
		Project 5	25-Nov	17-Dec	18-Dec
6	Model Tuning	Year End Break			
		Feature Engineering & Handling Imbalanced Data	16-Dec	9-Jan	8-Jan
		Regularization & Hyperparameter Tuning	30-Dec	16-Jan	15-Jan
		Project 6	30-Dec	21-Jan	22-Jan
7	Unsupervised Learning	K means Clustering	20-Jan	30-Jan	29-Jan
		Hierarchical Clustering	27-Jan	6-Feb	5-Feb
		Project 7	27-Jan	11-Feb	12-Feb
Self Paced Modules					
8	Data Visualization with Tableau	Released post Unsupervised Learning	NA	NA	NA
9	Time Series Forecasting	Released post Unsupervised Learning	NA	NA	NA
10	Marketing & Retail Analytics	Released post Unsupervised Learning	NA	NA	NA
11	Finance & Risk Analytics	Released post Unsupervised Learning	NA	NA	NA
12	Web & Social Media Analytics	Released post Unsupervised Learning	NA	NA	NA
13	Supply Chain & Logistics Analytics	Released post Unsupervised Learning	NA	NA	NA
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. Exact deadline time will vary for different timezones, but it will always be beyond end of the day for the dates mentioned here.				
3	Capstone schedule will be shared with those who opt for it, post 6th Module.				
4	Assessment here could mean either a quiz or a project.				