

## Program Delivery Schedule - Jul'23

### PGP - Data Science & Business Analytics

#### Orientation Session

15-Jul-2023

Structured Modules					
M #	Module	Course	Content Release Date	Assessment Deadline	Mentored Learning Session
0	Prework	Programming Basics and Intro to Python	Available on enrollment	--	22-Jul
1	Python - Foundations	Introduction to Python	Available on enrollment	30-Jul	29-Jul
		Python for Data Science	20-Jul	6-Aug	5-Aug
		Data Visualisation with Python	27-Jul	13-Aug	12-Aug
		Break	Revision Week		
		EDA	3-Aug	27-Aug	26-Aug
		Break	Labor Day Break		
		Support Session	--	--	9-Sep
		Project 1	10-Aug	15-Sep	16-Sep
		2	Business Statistics	Inferential Statistics Foundations	14-Sep
Estimation and Hypothesis Testing	21-Sep			1-Oct	30-Sep
Common Statistical Tests	28-Sep			8-Oct	7-Oct
Project 2	28-Sep			13-Oct	14-Oct
3	Supervised Learning - Foundations			Linear Regression	12-Oct
		Linear Regression Assumptions	19-Oct	29-Oct	28-Oct
		Support Session	--	--	4-Nov
		Break	Diwali Break		
		Project 3	19-Oct	17-Nov	18-Nov
4	Supervised Learning - Classification	Break	Thanksgiving Break		
		Logistic Regression	16-Nov	3-Dec	2-Dec
		Hackathon*	1-Dec	5-Dec	NA
		Decision Trees	30-Nov	10-Dec	9-Dec
		Project 4	30-Nov	15-Dec	16-Dec
5	Ensemble Techniques	Break	Year End Break		
		Ensemble Methods - Random Forest	14-Dec	7-Jan	6-Jan
		Boosting - GBM, XGBM, Adaboost	4-Jan	14-Jan	13-Jan
		Project 5	4-Jan	19-Jan	20-Jan
6	Model Tuning	Feature Engineering & Handling Imbalanced Data	18-Jan	28-Jan	27-Jan
		Regularization & Hyperparameter Tuning	25-Jan	4-Feb	3-Feb
		Project 6	25-Jan	9-Feb	10-Feb
7	Unsupervised Learning	K means Clustering	8-Feb	18-Feb	17-Feb
		Hierarchical Clustering	15-Feb	25-Feb	24-Feb
		Project 7	15-Feb	1-Mar	2-Mar
		Hackathon*	1-Mar	5-Mar	NA
Self Paced Modules					
8	Generative AI	Released post Unsupervised Learning	NA	NA	NA
9	Data Visualization with Tableau	Released post Unsupervised Learning	NA	NA	NA
10	Time Series Forecasting	Released post Unsupervised Learning	NA	NA	NA
11	Marketing & Retail Analytics	Released post Unsupervised Learning	NA	NA	NA
12	Finance & Risk Analytics	Released post Unsupervised Learning	NA	NA	NA
13	Web & Social Media Analytics	Released post Unsupervised Learning	NA	NA	NA
14	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.				
5*	Hackathons are optional, non graded and fun learning competitions.				