

Program Delivery Schedule

DSBA - Data Science and Business Analytics



Orientation Session **22 Dec-19**

M #	Module	Course	Week #	Content Release Date	Mentored Learning Session Weekend	Assessment Deadline
1	Data Science for Python	Introduction to Data Science and Python	1	20-Dec	04-Jan or 05-Jan	05-Jan
		Hands on Python	2	03-Jan	11-Jan or 12-Jan	12-Jan
		Project Week	3	10-Jan	Doubt Clearing Session	19-Jan
2	Statistical Methods for Decision Making	1. Measures of Central Tendency & Variation 2. Presentation of Data	4	17-Jan	25-Jan or 26-Jan	26-Jan
		1. Probability Concepts 2. Probability Distributions	5	24-Jan	01-Feb or 02-Feb	02-Feb
		1. Estimation 2. Hypothesis Testing	6	31-Jan	08-Feb or 09-Feb	09-Feb
		Project 1	7 & 8	07-Feb	Doubt Clearing Session	23-Feb
3	Advanced Statistics	ANOVA	9	21-Feb	29-Feb or 01-Mar	01-Mar
		Exploratory Data Analysis	10	28-Feb	07-Mar or 08-Mar	08-Mar
		Principal Component Analysis	11	06-Mar	14-Mar or 15-Mar	15-Mar
		Project 2	12 & 13	13-Mar	Doubt Clearing Session	29-Mar
4	Data Mining	Clustering and Market Basket Analysis	14	27-Mar	04-Apr or 05-Apr	05-Apr
		CART and CHAID	15	03-Apr	11-Apr or 12-Apr	12-Apr
		Random Forest	16	10-Apr	18-Apr or 19-Apr	19-Apr
		Model Performance Measures	17	17-Apr	25-Apr or 26-Apr	26-Apr
		Project 3	18 & 19	24-Apr	Doubt Clearing Session	10-May
5	Predictive Modelling	Linear Regression	20	08-May	16-May or 17-May	17-May
		Logistic Regression	21	15-May	23-May or 24-May	24-May
		LDA, KNN, Naïve Bayes	22	22-May	30-May or 31-May	31-May
		Project 4	23 & 24	29-May	Doubt Clearing Session	14-Jun
6	Machine Learning	Handling Unstructured Data - Text mining / web scrapping Sentiment Analysis	25	12-Jun	20-Jun or 21-Jun	21-Jun
		Bias Variance trade-off, Handling unbalanced data	26	19-Jun	27-Jun or 28-Jun	28-Jun
		Project 5	27 & 28	26-Jun	Doubt Clearing Session	12-Jul

7	Time Series Forecasting	Intro & Visualization / Data Preparation	29	10-Jul	18-Jul or 19-Jul	19-Jul
		Forecasting	30	17-Jul	25-Jul or 26-Jul	26-Jul
		Autoregression	31	24-Jul	01-Aug or 02-Aug	02-Aug
		Project 6	32	31-Jul	Doubt Clearing Session	16-Aug
8	Data Visualization Using Tableau	Insights from Data / Calculate fields	33	14-Aug	22-Aug or 23-Aug	23-Aug
		Dashboards / Storyboards	34	21-Aug	29-Aug or 30-Aug	30-Aug
		Project 7	35	28-Aug	Doubt Clearing Session	06-Sep

NOTES >>

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