Program Delivery Schedule
DSBA - Data Science and Business Analytics

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

greatlearning
Learning for Life

Orientation Session

22 Dec-19

M #	Module	Course	Week #	Content Release Date	Mentored Learning Session/Doubt clearing 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	18-Jan or 19-Jan (Doubt clearing session)	19-Jan
2	**Statistical Methods for Decision Making**	1. Measures of Central Tendency & Variation Correlation 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	15-Feb or 16-Feb (Doubt clearing session)	23-Feb
3	**Advanced Statistics**	ANOVA	9	21-Feb	29-Feb or 01-Mar	01-Mar
		Regression	10	28-Feb	07-Mar or 08-Mar	08-Mar
		1.Factor Analysis 2.Principal Component Analysis	11	06-Mar	14-Mar or 15-Mar	15-Mar
		Project 2	12 & 13	13-Mar	22-Mar or 23-Mar (Doubt clearing session)	29-Mar
4	**Data Mining**	Clustering	14	27-Mar	04-Apr or 05-Apr	05-Apr
		CART	15	03-Apr	11-Apr or 12-Apr	12-Apr
		Random Forest	16	10-Apr	18-Apr or 19-Apr	19-Apr
		Artificial Neural Networks	17	17-Apr	25-Apr or 26-Apr	26-Apr
		Project 3	18 & 19	24-Apr	02-May or 03-May (E2E Session)	10-May
5	**Predictive Modelling**	Modelling using Linear Regression	20	08-May	16-May or 17-May	17-May
		Modelling using Logistic Regression	21	15-May	23-May or 24-May	24-May
		Linear Discriminant Analysis	22	22-May	30-May or 31-May	31-May
		Project 4	23 & 24	29-May	06-Jun or 07-Jun (E2E Session)	14-Jun
6	**Machine Learning**	Supervised Learning-Regression	25	12-Jun	20-Jun or 21-Jun	21-Jun
		Supervised Learning - Classification & SMOTE technique	26	19-Jun	27-Jun or 28-Jun	28-Jun
		Unsupervised Learning & Text Mining	27	26-Jun	04-Jul or 05-Jul	5-Jul
		Project 5	28 & 29	3-Jul	11-Jul or 12-Jul (E2E Session)	19-Jul

7	**Time Series Forecasting**	Time Series Analysis	30	17-Jul	25-Jul or 26-Jul	26-Jul
		Introduction to Forecasting	31	24-Jul	01-Aug or 02-Aug	02-Aug
		ARIMA Models	32	31-Jul	08-Aug or 09-Aug	09-Aug
		Project 6	33 & 34	07-Aug	15-Aug or 16-Aug	23-Aug
	Hackathon week		35		29th & 30st August (Event Date)	
8	**Data Visualization Using Tableau**	Insights from Data / Calculate fields	36	28th-Aug (Entire content)	05-Sep or 06-Sep	N/A
		Dashboards / Storyboards	37	N/A	12-Sep or 13-Sep	N/A
		Project 7	38	N/A	NA	20-Sep
9	**SQL**	Introduction to Database and Structured Query Language (SQL) (virtual class)	39	18-Sep	Live Virtual class 26 Sep or 27 Sep	NA
		SQL Joins (virtual class)	40	NA	Live Virtual class 03 Oct-04 Oct	04 Oct
		Project 8	40	NA	NA	11 Oct
Domain Application	Course	Activity	Week#	Content Release Date	Virtual Live Sessions	Assessment Deadline
10	Marketing &Retail Analytics	(Live Virtual Class)	41	9 Oct	17 Oct or18 Oct	
		Live Virtual Class)	42		24 Oct or 25 Oct	
		Live Virtual Class)	43			1 Nov
11	Financial and Risk Analytics	Live Virtual Class	44	29 Oct	7 Nov or 8 Nov	
		Live Virtual Class)	45		14 Nov or 15 Nov	
		Assessment Week	46			22 Nov
12	Capstone Project	Capstone Project Publish		09 Oct		
		First Student Mentor Connect Capstone	47		29 Nov	
		Second Student Mentor Connect Capstone	48		13 Dec	
		Third Student Mentor Connect Capstone	49		27 Dec	
		Capstone PPT Submission	50			1 Jan
		Capstone Final Presentation			2 Jan or 3 Jan	
		Capstone Final Report	51			10 Jan

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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.**