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

Great Learning
POWER AHEAD

Program Delivery Schedule - June'21						
		Cohort Launch	**19 Jun 2021**			
Structured Courses						
	#	**Course**	**Topics**	**Content Release Date**	**Assessment Deadline**	**Mentored Learning Session Weekend**
Foundations	0	**Prework**	Programming Fundamentals, Python Introduction, Basic Stats	*Available on enrollment*	-	26-Jun
	1	**Fundamentals of AIML**	Python Fundamentals	*Available on enrollment*		10-Jul
			Python for Data Science	24-Jun	18-Jul	17-Jul
			Data Visualization and EDA	8-Jul	25-Jul	24-Jul
			Project 1	8-Jul	30-Jul	31-Jul
Machine Learning Courses	2	**Supervised Learning: Regression**	Linear Regression	29-Jul	8-Aug	7-Aug
			Data Preprocessing	5-Aug	15-Aug	14-Aug
			Project 2	5-Aug	20-Aug	21-Aug
	3	**SUL: Classification**	Logistic	19-Aug	29-Aug	28-Aug
			Decision Tree + GridSearch	26-Aug	12-Sep	11-Sep
			Project 3	26-Aug	17-Sep	18-Sep
	4	**Ensemble Techniques**	Ensemble Techniques (Bagging & Random Forest)	16-Sep	26-Sep	25-Sep
			Boosting	23-Sep	3-Oct	2-Oct
			Learning Break			
			Project 4	23-Sep	15-Oct	16-Oct
	5	**Model Tuning**	Regularization	14-Oct	24-Oct	23-Oct
			Feature Engineering & Handling Imbalanced Data	21-Oct	31-Oct	30-Oct
			Project 5	21-Oct	12-Nov	13-Nov
			Hackathon*	22-Oct	24-Oct	NA
	6	**Unsupervised Learning**	K means Clustering	11-Nov	21-Nov	20-Nov
			Hierarchical Clustering + PCA	18-Nov	5-Dec	4-Dec
			Project 6	18-Nov	10-Dec	11-Dec
Deep Learning	**7**	**Introduction to Neural Networks**	Pre-work for Deep Learning	9-Dec		
			Intro to ANN, Tensorflow and Keras	16-Dec	9-Jan	8-Jan
			Hackathon*	17-Dec	20-Dec	NA
			Building Blocks of ANN	6-Jan	16-Jan	15-Jan
			Project 7	6-Jan	21-Jan	22-Jan
	8	**Introduction to Computer Vision**	Intro to CNN - Working with Images	20-Jan	30-Jan	29-Jan
			Introduction to CNNs	27-Jan	6-Feb	5-Feb
			Project 8	27-Jan	11-Feb	12-Feb
	9	**Introduction to Natural Language Processing**	Intro to NLP- Working with Text Data	10-Feb	20-Feb	19-Feb
			Sentiment Analysis	17-Feb	27-Feb	26-Feb
			Project 9	17-Feb	4-Mar	5-Mar
Self-paced Courses						
	10	**Statistical Learning**	Inferential Statistics	*Available on enrollment*	-	-
			Hypothesis Testing	*Available on enrollment*	-	-
			Practice Project	*Available on enrollment*	-	-
	11	**Recommendation Systems**	Intro to RecoSys, Market Basket Analysis, Popularity Based and Content Based Reco Sys	*Post module 9*	-	-
			Collaborative Filtering, SVD Approach, Hybrid Reco Sys	*Post module 9*	-	-
			Practice Project	*Post module 9*	-	-
	12	**Model Deployment**	Model Deployment, Serialization, Real Time Productionalization, Kubernetes, Docker	*Post module 9*	-	-
				Post module 9	-	-

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 Assessment here could mean either a quiz or a project.

4 Hackathons are optional, non graded and fun learning competitions.