



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



				Content Release Date	Mentored Learning Session	
M #	Module	Course	Week #		Weekend	Assessment Deadline
1	Introduction to Python	Python for Data Science	1	5/Apr/24	13-Apr-24 or 14-Apr-24	14/Apr/24
		Python for Visualization and EDA	2	12/Apr/24	20-Apr-24 or 21-Apr-24	21/Apr/24
		Exploratory Data Analysis (Deep Dive)	3	19/Apr/24	27-Apr-24 or 28-Apr-24	28/Apr/24
2	Applied Statistics	Descriptive Statistics	4	26/Apr/24	04-May-24 or 05-May-24	5/May/24
		Project Release - Applied Statistics	4	26/Apr/24	Due on 26-May-24	26/May/24
		Inferential Statistics	5	3/May/24	11-May-24 or 12-May-24	12/May/24
		Sampling and Hypothesis Testing	6	10/May/24	18-May-24 or 19-May-24	19/May/24
		Project Break(Project Submission Due)	7	17/May/24	No Content release, Project Break	26/May/24
		Release Add on Module-1:: EDA and Pre Processing				
3	Supervised Learning	Linear Regression	8	24/May/24	01-Jun-24 or 02-Jun-24	2/Jun/24
		Project Release - Supervised Learning	8	24/May/24	Due on 30-Jun-24	30/Jun/24
		Logistic Regression	9	31/May/24	08-Jun-24 or 09-Jun-24	9/Jun/24
		Classifiers	10	7/Jun/24	15-Jun-24 or 16-Jun-24	16/Jun/24
		Support Vector Machines (SVM)	11	14/Jun/24	22-Jun-24 or 23-Jun-24	23/Jun/24
		Project Break(Project Submission Week)	12	21/Jun/24	No Content release, Project Break	30/Jun/24
Program Break						
4	Ensemble Techniques	Decision Tree	14	5/Jul/24	13-Jul-24 or 14-Jul-24	14/Jul/24
		Project Release - Ensemble Technique	14	5/Jul/24	Due on 28-Jul-24	28/Jul/24
		Bagging, Boosting, Random Forests	15	12/Jul/24	20-Jul-24 or 21-Jul-24	21/Jul/24
		Project Break(Project Submission Week)	16	19/Jul/24	No Content release, Project Break	28/Jul/24
5	Unsupervised Learning	Clustering and K-means, Project Release - Unsupervised Learning	17	26/Jul/24	03-Aug-24 or 04-Aug-24	4/Aug/24
		Project - Unsupervised Learning	17	26/Jul/24	Due on 18-Aug-24	18/Aug/24
		Hierarchical Clustering	18	2/Aug/24	10-Aug-24 or 11-Aug-24	11/Aug/24
		Project Break(Project Submission Week)	19	9/Aug/24	No Content release, Project Break	18/Aug/24
6	Featurization, Model Selection & Tuning	Feature Engineering and Cross-Validation	20	16/Aug/24	24-Aug-24 or 25-Aug-24	25/Aug/24
		Project - FMT	20	16/Aug/24	Due on 08-Sep-24	8/Sep/24
		Model Performance Measures & Hyper parameter tuning	21	23/Aug/24	31-Aug-24 or 01-Sep-24	1/Sep/24
		Project Break(Project Submission Week)	22	30/Aug/24	No Content release, Project Break	8/Sep/24
7	Introduction to SQL	Introduction to DBMS	23	6/Sep/24	14-Sep-24 or 15-Sep-24	15/Sep/24
		Project - SQL	23	6/Sep/24	Due on 06-Oct-24	6/Oct/24
		Functions in SQL	24	13/Sep/24	21-Sep-24 or 22-Sep-24	22/Sep/24
		Joins, Subqueries & Normalization	25	20/Sep/24	28-Sep-24 or 29-Sep-24	29/Sep/24
		Project Break(Project Submission Week)	26	27/Sep/24	No Content release, Project Break	6/Oct/24
Program Break + Release Add on Module-2: Pre Work for DL + Release Add on Module-3: Model Deployment				4/Oct/24	Program Break	
8	Intro to Neural Networks	Intro to Neural Networks	28	11/Oct/24	19-Oct-24 or 20-Oct-24	20/Oct/24
		Project - Neural Networks	28	11/Oct/24	Due on 10-Nov-24	10/Nov/24
		Building Blocks of Neural Networks	29	18/Oct/24	26-Oct-24 or 27-Oct-24	27/Oct/24

		Hyper-parameter Tuning	30	25/Oct/24	02-Nov-24 or 03-Nov-24	3/Nov/24
		Project Break(Project Submission Week)	31	1/Nov/24	No Content release, Project Break	10/Nov/24
Release Add on Module-4: Visualization using TensorBoard						
9	Computer Vision	Image Processing	32	8/Nov/24	16-Nov-24 or 17-Nov-24	17/Nov/24
		Project - Face Recognition	32	8/Nov/24	Due on 22-Dec-24	22/Dec/24
		Convolution	33	15/Nov/24	23-Nov-24 or 24-Nov-24	24/Nov/24
		CNN Architectures and Transfer Learning	34	22/Nov/24	30-Nov-24 or 01-Dec-24	1/Dec/24
		Object Detection	35	29/Nov/24	07-Dec-24 or 08-Dec-24	8/Dec/24
		Segmentation and Siamese Networks	36	6/Dec/24	14-Dec-24 or 15-Dec-24	15/Dec/24
		Project Break(Project Submission Week)	37	13/Dec/24	No Content release, Project Break	22/Dec/24
Release Add on Module-5: GANs						
10	Natural Language Processing	Natural Language Processing	38	20/Dec/24	28-Dec-24 or 29-Dec-24	29/Dec/24
		Project - Sequential NLP	38	20/Dec/24	Due on 26-Jan-25	26/Jan/25
		Statistical Natural Language Processing	39	27/Dec/24	04-Jan-25 or 05-Jan-25	5/Jan/25
		Probabilistic Models & Word Embeddings	40	3/Jan/25	11-Jan-25 or 12-Jan-25	12/Jan/25
		Sequential Natural Language Processing	41	10/Jan/25	18-Jan-25 or 19-Jan-25	26/Jan/25
		Project Break(Project Submission Week)	42	17/Jan/25	No Content release, Project Break	26/Jan/25
Program Break + Release Add on Module-6: Generative AI				24/Jan/25	Program Break	
11	Capstone Project	Capstone Week 1	44	31/Jan/25	08-Feb-25 or 09-Feb-25	
		Capstone Week 2- Interim Report Release	45	7/Feb/25	No Session	23/Feb/25
		Capstone Week 3	46		22-Feb-25 or 23-Feb-25	
		Capstone Week 4	47		No Session	
		Capstone Week 5 - Final Report Release	48	28/Feb/25	08-Mar-25 or 09-Mar-25	16/Mar/25
		Capstone Week 6	49		15-Mar-25 or 16-Mar-25	
Release Add on Module-7,8: Time Series, Reinforcement Learning						