



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	Introduction to Python	1	14/Jun/24	22-Jun-24 or 23-Jun-24	23/Jun/24
		Project Release – Introduction to Python	1	14/Jun/24	22-Jun-24 or 23-Jun-24	28/Jul/24
		NumPy and Pandas	2	21/Jun/24	29-Jun-24 or 30-Jun-24	30/Jun/24
		Python for Visualization	3	28/Jun/24	06-Jul-24 or 07-Jul-24	7/Jul/24
		Exploratory Data Analysis	4	5/Jul/24	13-Jul-24 or 14-Jul-24	14/Jul/24
		Project Support + AI Application Case Study #2	5	12/Jul/24	20-Jul-24 or 21-Jul-24	28/Jul/24
2	Applied Statistics	Inferential Statistics Foundations - Part 1 and Part 2	7	26/Jul/24	03-Aug-24 or 04-Aug-24	4/Aug/24
		Project Release - Applied Statistics	7	26/Jul/24	Due on 25-Aug-24	25/Aug/24
		Estimation and Hypothesis Testing	8	2/Aug/24	10-Aug-24 or 11-Aug-24	11/Aug/24
		Common Statistical Tests	9	9/Aug/24	17-Aug-24 or 18-Aug-24	18/Aug/24
		Project Break(Project Submission Due)	10	16/Aug/24	No Content release, Project Break	25/Aug/24
Release Add on Module-1:: EDA and Pre Processing						
3	Supervised Learning	Linear Regression	11	23/Aug/24	31-Aug-24 or 01-Sep-24	1/Sep/24
		Project Release - Supervised Learning	11	23/Aug/24	Due on 29-Sep-24	29/Sep/24
		Logistic Regression	12	30/Aug/24	07-Sep-24 or 08-Sep-24	8/Sep/24
		Classification Models - Naive Bayes and KNN	13	6/Sep/24	14-Sep-24 or 15-Sep-24	15/Sep/24
		Support Vector Machines (SVM)	14	13/Sep/24	21-Sep-24 or 22-Sep-24	22/Sep/24
		Project Break(Project Submission Week)	15	20/Sep/24	No Content release, Project Break	29/Sep/24
Program Break						
4	Ensemble Techniques	Decision Tree	17	4/Oct/24	12-Oct-24 or 13-Oct-24	13/Oct/24
		Project Release - Ensemble Technique	17	4/Oct/24	Due on 27-Oct-24	27/Oct/24
		Bagging, Boosting, Random Forests	18	11/Oct/24	19-Oct-24 or 20-Oct-24	20/Oct/24
		Project Break(Project Submission Week)	19	18/Oct/24	No Content release, Project Break	27/Oct/24
5	Unsupervised Learning	K-means Clustering	20	1/Nov/24	09-Nov-24 or 10-Nov-24	10/Nov/24
		Project - Unsupervised Learning	20	1/Nov/24	Due on 24-Nov-24	24/Nov/24
		Hierarchical Clustering and PCA	21	8/Nov/24	16-Nov-24 or 17-Nov-24	17/Nov/24
		Project Break(Project Submission Week)	22	15/Nov/24	No Content release, Project Break	24/Nov/24
6	Featurization, Model Selection & Tuning	Feature Engineering and Cross-Validation	23	22/Nov/24	30-Nov-24 or 01-Dec-24	1/Dec/24
		Project - FMT	23	22/Nov/24	Due on 15-Dec-24	15/Dec/24
		Model Performance Measures, ML Pipeline & Hyper parameter tuning	24	29/Nov/24	07-Dec-24 or 08-Dec-24	8/Dec/24
		Project Break(Project Submission Week)	25	6/Dec/24	No Content release, Project Break	15/Dec/24
7	Introduction to SQL	Querying Data with SQL	26	13/Dec/24	21-Dec-24 or 22-Dec-24	22/Dec/24
		Project - SQL	26	13/Dec/24	Due on 19-Jan-25	19/Jan/25
		Querying Data with In-Built Functions	27	20/Dec/24	04-Jan-25 or 05-Jan-25	5/Jan/25
		Advanced Querying to extract business insights	25	27/Dec/24	11-Jan-25 or 12-Jan-25	12/Jan/25
		Project Break(Project Submission Week)	29	10/Jan/25	No Content release, Project Break	19/Jan/25
Program Break + Release Add on Module-2: Pre Work for DL + Release Add on Module-3: Model Deployment				17/Jan/25	Program Break	

8	Intro to Neural Networks	Introduction to Deep Neural Networks	31	24/Jan/25	01-Feb-25 or 02-Feb-25	2/Feb/25
		Project - Neural Networks	31	24/Jan/25	Due on 23-Feb-25	23/Feb/25
		Introduction to Deep Neural Networks (Contd)	32	31/Jan/25	08-Feb-25 or 09-Feb-25	9/Feb/25
		Building Blocks of Neural Network	33	7/Feb/25	15-Feb-25 or 16-Feb-25	16/Feb/25
		Project Break(Project Submission Week)	34	14/Feb/25	No Content release, Project Break	23/Feb/25
Release Add on Module-4: Visualization using TensorBoard						
9	Computer Vision	Image Processing	35	21/Feb/25	01-Mar-25 or 02-Mar-25	2/Mar/25
		Project - Face Recognition	35	21/Feb/25	Due on 06-Apr-25	6/Apr/25
		Convolution	36	28/Feb/25	08-Mar-25 or 09-Mar-25	9/Mar/25
		CNN Architectures and Transfer Learning	37	7/Mar/25	15-Mar-25 or 16-Mar-25	16/Mar/25
		Object Detection	38	14/Mar/25	22-Mar-25 or 23-Mar-25	23/Mar/25
		Segmentation and Siamese Networks	39	21/Mar/25	29-Mar-25 or 30-Mar-25	30/Mar/25
		Project Break(Project Submission Week)	40	28/Mar/25	No Content release, Project Break	6/Apr/25
Release Add on Module-5: GANs						
10	Natural Language Processing	Introduction to Natural Language Processing	41	4/Apr/25	12-Apr-25 or 13-Apr-25	13/Apr/25
		Project - Sequential NLP	41	4/Apr/25	Due on 11-May-25	11/May/25
		Statistical Natural Language Processing	42	11/Apr/25	19-Apr-25 or 20-Apr-25	20/Apr/25
		Probabilistic Models & Word Embeddings	43	18/Apr/25	26-Apr-25 or 27-Apr-25	27/Apr/25
		Sequential Natural Language Processing	44	25/Apr/25	03-May-25 or 04-May-25	11/May/25
		Project Break(Project Submission Week)	45	2/May/25	No Content release, Project Break	11/May/25
Program Break + Release Add on Module-6: Generative AI				9/May/25	Program Break	
11	Capstone Project	Capstone Week 1	47	16/May/25	24-May-25 or 25-May-25	
		Capstone Week 2- Interim Report Release	48	23/May/25	No Session	8/Jun/25
		Capstone Week 3	49		07-Jun-25 or 08-Jun-25	
		Capstone Week 4	50		No Session	
		Capstone Week 5 - Final Report Release	51	13/Jun/25	21-Jun-25 or 22-Jun-25	29/Jun/25
		Capstone Week 6	52		28-Jun-25 or 29-Jun-25	
Release Add on Module-7,8: Time Series, Reinforcement Learning						