BC2407 Course Schedule for AY2020 Semester 2

Wk	Session[1]	Remarks
1	Course Overview, Assessment Components and Team Project Brainstorm.	System random assigned team. Check NTULearn class site.
2	Review of Basic Analytics and software.	
3	Association Rules.	
4	Quantile Regression.	
5	ELearning: Visualization and dashboard using Power BI.	Due to CNY. eLearn at home.
6	Multivariate Adaptive Regression Splines (MARS).	
7	Neural Network.	
Mid Term Break		
8	Bootstrap for Analytics.	
9	Random Forest.	
10	Time Series Forecasting.	
11	CBA Revision and final week for Project work.	Proj submission due end of wk.
12	Project Presentation according to randomly assigned slot.	CBA[2] paper released mid of wk.
13	Project Presentation according to randomly assigned slot.	CBA submission due end of wk.

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[1] Wef AY2020 semester 2, the 4 hr class session is converted to 1 hr pre-class learning activities followed by 3 hrs in-class session for each major topic. The pre-class learning activities will be announced in NTULearn Main site.

[2] Wef AY2019 semester 2, CBA is a do-at-home assignment, to be submitted into NTULearn Class site > CBA Submissions. CBA question paper and dataset will be available in NTULearn Main Site > CBA Paper.