

TBA2102 Week 1-6 Blended Lesson Plan

Week	Online Asynchronous Self-learning activities*	Synchronous Learning Activities#	Assignments/Assessments
Week 1 11-15 Jan	Online video: Overview and Data for Business Analytics Due: 19/1, 6.30pm	Online Lecture 1: Course Briefing & Introduction (12/1)	read JE Chap 1; Online Quiz 1 Due: 19/1, 6.30pm
Week 2 18-22 Jan	Online video: Intro to R Datacamp assignment: "Introduction to R" Due: 2/2, 6.30pm	Online Lecture 2: Implementation & Value Generation Workshop (19/1)	
Week 3 25-29 Jan	Online video: Data Visualizations Online video: Data Tabulations & Frequencies Datacamp assignment: 1) "Transforming Data with dplyr", 2) "Aggregating Data", 3) "Selecting and Transforming Data"	No lecture (26/1) Tutorial 1: Implementation and Value Generation	Tutorial 1 assignment Due 2/2, 8.30pm
Week 4 1-5 Feb	Datacamp assignment: "A quick introduction to Base R graphics" Due: 2/2, 6.30pm	Online Lecture 3: Data exploration and visualization workshop (2/2) Tutorial 2: Basics of R	read JE Chap 3; Online Quiz 2 Due: 2/2, 6.30pm Tutorial 2 assignment Due 9/2, 8.30pm
Week 5 8-12 Feb	Datacamp assignment: "Introduction to RMarkdown" Due: 9/2, 6.30pm Online video: Descriptive Analytics - Statistical Measures Online video on Descriptive Analytics - Probability Distributions and Data Modeling Due: 9/2, 6.30pm	Online Lecture 4: Statistical measures, probability distributions and data modeling workshop (9/2) Tutorial 3: Data Exploration and Visualization with R	read JE Chap 4&5; Online Quiz 3&4 Due 9/2, 6.30pm Tutorial 3 assignment Due 16/2, 8.30pm
Week 6 15-19 Feb	Online video on Sampling and Estimation Online video on Hypotheses Testing Due: 16/2, 6.30pm	Online Lecture 5: Sampling and Estimation & Statistical Inference workshop (16/2) Tutorial 4: Statistical measures, probability distributions and data modeling	read JE chap 6&7; Online Quiz 5&6 Due 16/2, 6.30pm Tutorial 4 assignment Due 2/3, 8.30pm
Recess 22-26 Feb	no classes	no classes	no classes
Week 7 1-5 Mar	NA	Online Lecture 6: Refer to Part 2 schedule Tutorial 5: Sampling, Estimation & Statistical Inference	Tutorial 5 assignment Due 9/3, 8.30pm Refer to Part 2 schedule
	* All online self-learning activities are recommended to be completed in the order listed here. You may start anytime but must be completed by the due date so you have the background knowledge required to participate effectively in the workshops.	#Lectures/workshops and tutorials will be conducted online during lecture hours via Zoom; Coaching sessions will be booked on a need-to basis.	Tutorial assignments to be completed on your own by due date to facilitate discussion in tutorial class.