DS

DATA SCIENCE COURSE SCHEDULE *
Nov 7 to Jan 30 | Saturdays 10am - 1pm, 2pm - 5pm

Week	Class #	Day	Date	Topic	Instructor	Start Time	End Time	Hours
Week 1	1	Sat	7/11/15	Data Science Toolkit	Mart, Dickson	10:00am	1:00pm	3
	2			Linear Algebra	Mart, Dickson	2:00pm	5:00pm	3
Week 2		Thurs	12/11/15	Office hours	Dickson	7:00pm	9:00pm	2
	3	Sat	14/11/15	Machine Learning	Mart, Dickson	10:00am	1:00pm	3
	4			Exploratory Data Analysis	Mart, Dickson	2:00pm	5:00pm	3
Week 3		Thurs	19/1/15	EDA Project DUE		6:00pm		
	5	Sat	21/11/15	Linear Regression	Mart, Dickson	10:00am	1:00pm	3
	6			Polynomial Regression	Mart, Dickson	2:00pm	5:00pm	3
Week 4		Mon	23/11/15	Office hours	Dickson	7:00pm	9:00pm	2
	7	Sat	28/11/15	Data Wrangling	Mart, Dickson	10:00am	1:00pm	3
	8			Introduction to R	Mart, Dickson	2:00pm	5:00pm	3
Week 5		Mon	30/11/15	Office hours	Dickson	7:00pm	9:00pm	2
	9	Sat	5/12/15	Group Project Presentations	Mart, Dickson	10:00am	1:00pm	3
	10			Logistic Regression	Mart, Dickson	2:00pm	5:00pm	3
Week 6	11	Sat	12/12/15	K-Nearest Neighbours	Mart, Dickson	10:00am	1:00pm	3
	12			Decision Trees	Mart, Dickson	2:00pm	5:00pm	3
Week 7		Mon	14/12/15	Office hours	Dickson	7:00pm	9:00pm	2
		Thurs	17/12/15	Classification Project DUE		6:00pm		
	13	Sat	19/12/15	Random Forests	Mart, Dickson	10:00am	1:00pm	3
	14			Guest Lecture: Network Analysis	Mart, Dickson	2:00pm	5:00pm	3
		Thurs	24/12/15	Final Project Summary DUE		11:59pm		
		Sat	26/12/15	Holiday - no class				
		Sat	2/1/16	Holiday - no class				
Week 8	15	Sat	9/1/16	Feature Engineering I (Clustering) and Elevator Pitch Presentation	Mart, Dickson	10:00am	1:00pm	3
	16			Feature Engineering II (PCA)	Mart, Dickson	2:00pm	5:00pm	3
Week 9		Mon	11/1/16	Office hours		7:00pm	9:00pm	2
	17	Sat	16/1/16	Kaggle I (EDA)	Mart, Dickson	10:00am	1:00pm	3
	18			Kaggle II (Feature Engineering)	Mart, Dickson	2:00pm	5:00pm	3
Week 10		Mon	18/1/16	Final Project Draft DUE		11:59pm		
		Fri	22/1/16	Peer Review feedback DUE		11:59pm		
	19	Sat	23/1/16	Project Labs	Mart, Dickson	10:00am	1:00pm	3
	20			Project Labs	Mart, Dickson	2:00pm	5:00pm	3
Week 11		Tues	26/1/16	Office hours	Dickson	7:00pm	9:00pm	2
		Thurs	28/1/16	Final Project/Notebooks DUE		11:59pm		
	21	Sat	30/1/16	Final Presentations	Mart, Dickson	10:00am	1:00pm	3
	22			Final Presentations	Mart, Dickson	2:00pm	5:00pm	3

* Lesson order and topics subject to change depending on instructor and student preference