

NGEE ANN POLYTECHNIC
Data Science & Machine Learning Bootcamp
EVENING COURSE SCHEDULE

Week	Date	Content
A) Data Visualization Specialisation		
1	5 – 8 Oct 2020	Programming for Data Science
2	12 – 15 Oct 2020	Practical Statistics
3	19 – 22 Oct 2020	Data Visualization in R
4	26 – 29 Oct 2020	Interactive Plotting & Dynamic Dashboards
5	2 Nov 2020	Data Visualization Capstone Project
B) Machine Learning Specialisation		
6	9 – 12 Nov 2020	Regression Models
7	16 – 19 Nov 2020	Classification in Machine Learning 1
8	23 – 26 Nov 2020	Classification in Machine Learning 2
9	30 Nov – 3 Dec 2020	Unsupervised Machine Learning
10	7 – 10 Dec 2020	Time Series and Forecasting
11	14 – 17 Dec 2020	Neural Network and Deep Learning
12	21 – 24 Dec 2020	<i>BREAK. No lessons</i>
13	28 Dec 2020	Machine Learning Capstone Project
14-15	4 Jan 2021 11 Jan 2021	Consultation and Preparation for Demo Day
15	22 Jan 2021	Demo Day

***Public Holidays:** **14 Nov 2020 (Sat) – Deepavali (Classes not affected)**
 25 Dec 2020 (Fri) – Christmas Day (Classes not affected)
 1 Jan 2021 (Fri) – New Year’s Day (Classes not affected)

The duration of the course comprises of:

- 10 weeks of 4 evening classes
(Monday to Thursday, 6:30pm to 10pm)
- 4 weeks of self-paced capstone/demo projects consultation
- 1 demo day (Friday evening)

Venue: Ngee Ann Polytechnic campus