

Course: Data Science for Engineers

Course Code: noc20-cs72

Session: 2020-21

Duration: 8 Weeks

Assessment procedures: Weekly Assignment (25%) + proctored certification Exam (75%)

Curriculum of the Course:

Week 1:

- Course philosophy and introduction to R

Week 2:

- Linear algebra for data science

Week 3:

- Statistics

Week 4:

- Optimization

Week 5:

- Typology of data science problems and a solution framework

Week 6:

- Simple linear regression and verifying assumptions used in linear regression
- Multivariate linear regression
- model assessment
- assessing importance of different variables
- subset selection

Week 7:

- Classification using logistic regression

Week 8:

- Classification using kNN and k-means clustering

List of students enrolled

S. No	Name of Student
1	Kratika Bansal
2	Jay shrivastava
3	Kanika Singhal
4	Kartik sharma
5	Kaushal
6	Yash Khandelwal

7	Chetan Kumawat
8	Mayank gupta
9	Naval Tripathi
10	Prateek Goyal
11	RAHUL KHATIK
12	Joshi Ritwick
13	Aman Saini
14	Saurabh Meena
15	Shruti rawat
16	Shubham Soni
17	Siddhi Saxena
18	Mohit singhal
19	sachin yadav
20	Tanik jain
21	Vinay raj dhaddha
22	Vishal Nama
23	Vishal prajapat
24	Yash Goyal