Course: Data Science for Engineers

Course Code: noc19-cs60

Session: 2019-20

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	Anand Samantnani
2	Ankit Saini
3	Anuj Sharma
4	aryan
5	astha khandelwal
6	anchal jain

7	Devansh Sharma
8	eshaan chauhan
9	ANKIT AGRAWAL
10	Kanishk Maheshwari
11	Ravi Malvia
12	parmanand saraswat
13	Rahul Sharma
14	Saurav Kumar
15	Suraj sharma
16	Hitesh Joshi