18CSEVAC02 - EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING
EVENT REPORT

Name of the Course: Exploratory Data Analysis for Machine Learning

Name of the Instructor: 1. Mrs. Uma. V

2. Mrs.M. Divya

Year and Branch: III, IV & ME-CSE - COMPUTER SCIENCE AND ENGINEERING

Duration of Course: 32 Hrs (**11.02.2019** to **16.02.2019**)

SUMMARY OF THE EVENT:

The Course was inaugurated on **11.02.2019** at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day **16.02.2019** by 3.30 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on **"Exploratory Data Analysis for Machine Learning"**

ASSESMENT MODE:

No of Students Enrolled: 65

No of Students appeared: 65

Scheme of Exam: Offline

No of Students Passed: 65

Date of Exam: 16.02.2019

OUTCOME:

This course covered the fundamental concepts of **"Exploratory Data Analysis for Machine Learning"**. They released the importance of good, quality data. Also get familiarize with the common technique to retrieve your data, clean it, apply feature engineering, and have it ready for preliminary analysis and hypothetical testing.

COORDINATOR

(Mrs.M.Divya)

PRINCIPAL
Sri Venkateswara College of
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Thirupachur, Thiruvallur - 631 203

HOD/CSE

(Mr.P.Rethinasabapathy)

18CSEVAC02 - EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING
TEST QUESTION

1. Which of the following gave rise to need of graphs in data analysis?
   a) Data visualization
   b) Communicating results
   c) Decision making
   d) All of the mentioned

2. Which of the following is characteristic of exploratory graph?
   a) Made slowly
   b) Axes are not cleaned up
   c) colour is used for personal information
   d) All of the mentioned

3. Point out the incorrect statement.
   a) coplots are one dimensional data graph
   b) Exploratory graphs are made quickly
   c) Exploratory graphs are made relatively less in number
   d) All of the mentioned

4. Which of the following graph can be used for simple summarization of data?
   a) Scatterplot
   b) Overlaying
   c) Bar plot
   d) All of the mentioned

5. Colour and shape are used to add dimensions to graph data.
   a) True
   b) False

6. Which of the following information is not given by five-number summary?
   a) Mean
   b) Median
   c) Mode
   d) All of the mentioned

7. Which of the following is also referred to as overlayed ID plot?
   a) lattice
   b) bar plot
   c) gplot
   d) all of the mentioned

8. Spinning plots can be used for two-dimensional data.
   a) True
   b) False.

9. Which of the following is effective way of checking validity of data analysis?
   a) Re-run the analysis
   b) Review the code
   c) Check the sensitivity
   d) All of the mentioned

10. Which of the following is similar to a pre-specified clinical trial protocol? .
    a) Caching-based Data Analysis
    b) Evidence-based Data Analysis
    c) Markdown-based Data Analysis
    d) All of the mentioned

11. Point out the wrong statement with respect to reproducibility.
    a) Focuses on the validity of the data analysis
    b) The ultimate standard for strengthening scientific evidence
    c) Important when replication is impossible
    d) None of the mentioned

12. Which of the following can be used for data analysis model?
    a) CRAN
    b) CPAN
    c) CTAN
    d) All of the mentioned

13. Reproducibility determines correctness of data analysis.
    a) True
    b) False

14. Which of the following step is not required in data analysis?
    a) Synthesize results
    b) Create reproducible code
    c) Interpret results
    d) None of the mentioned

15. Which of the following gives reviewers an important tool without dramatically increasing the burden?
    a) Quality research
    b) Replication research
    c) Reproducible research
    d) None of the mentioned.

16. Result analysis are relatively easy to replicate or reproduce.
    a) True
    b) False

17. Machine learning is a subset of which of the following?
    a) Artificial Intelligence
    b) Deep Learning
    c) Data learning
    d) None of the above

18. Identify the data science skills among the following
   a) Data visualization
   b) Machine learning
   c) Statistics
   d) All the above
19. Column is a representation of data.
   a) Diagonal
   b) Vertical
   c) Top
   d) Horizontal
20. Row is a representation of data.
   a) Diagonal
   b) Vertical
   c) Top
   d) Horizontal

COORDINATOR

(Mrs.M.Divya)

HOD/CSE

(Mr.P.Rethinasabapathy)

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18CSEVAC02 - EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING

Student Reg. No. & Name: 112416104050 & Yennila M.G.

Sem & Year: VI th Sem & III rd year.   Date: 16/02/19

18/20

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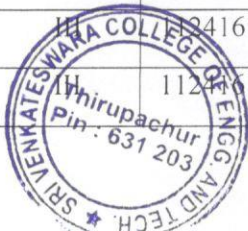# SRI VENKATESWARA
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18CSEVAC02 - EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING

Course Code	18CSEVAC02
Name of the Course	EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING
Duration of the Course	32 HOURS
Academic Year	2018-19
Period of the Course	11.02.2019 TO 16.02.2019

STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
1	III	112416104021	KRISHNAMOORTHY.K	32	80
2	III	112416104022	MAHALAKSHMI.M	32	80
3	III	112416104023	MOHANAVALLI.T	32	90
4	III	112416104024	NAGAJOTHI.K	32	95
5	III	112416104025	NIKITHA AS	32	85
6	III	112416104026	NIVEDITHA S	32	100
7	III	112416104027	PAVITHRA.V	32	80
8	III	112416104028	PAVITHRA.V	32	95
9	III	112416104029	POOVIZHI.D	32	80
10	III	112416104030	PREETHA.B	32	95
11	III	112416104031	PRITHIYA.M	32	95
12	III	112416104032	RAMYA.A	32	85
13	III	112416104034	RUPAN KUMAR S	32	90
14	III	112416104035	SABARISAN.P	32	90
15	III	112416104036	SANJAY.K	32	95
16	III	112416104037	SATHIYA.S	32	80
17	III	112416104038	SEDHU GANGA.P	32	80
18	III	112416104039	SHALINI.G	32	80
19	III	112416104041	SUMAN RAJ.R	32	80

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20	III	112416104042	SURALAKSHMI.V	32	95
21	III	112416104044	SWATHY ATCHAYAA.B	32	85
22	III	112416104045	SWETHA.M	32	85
23	III	112416104046	SWETHA.M	32	90
24	III	112416104048	THULASI RAMAN	32	80
25	III	112416104049	VASANTH.V	32	80
26	III	112416104050	VENNILA.M.G	32	95
27	III	112416104051	VIJAYAKUMAR.V	32	90
28	III	112416104052	VINOTH KUMAR.T.S	32	90
29	III	112416104053	YUVARAJ.N	32	90
30	III	112415104002	ARUN KUMAR A	32	95
31	III	112415104003	BALAJI N	32	95
32	III	112415104004	CHINNARASU D	32	80
33	IV	112415104007	DHARSHNI K N	32	85
34	IV	112415104008	DHILIP T K	32	95
35	IV	112415104010	DURGA M	32	95
36	IV	112415104011	GIRIDHARAN D	32	80
37	IV	112415104012	HEMALATHA V	32	100
38	IV	112415104015	KEERTHANA V	32	80
39	IV	112415104016	KISHORE KUMAR B	32	80
40	IV	112415104018	LILLY ABIRAMI K	32	85
41	IV	112415104019	MONIKA P	32	95
42	IV	112415104021	MUTHAZHAGI P	32	95
43	IV	112415104023	POONKUZHALI S	32	90
44	IV	112415104025	PUSHPARANI M	32	90
45	IV	112415104026	SANGEETHA J	32	85

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46	IV	112415104027	SHOBANA M	32	90
47	IV	112415104028	SOMESHWARAN M	32	80
48	IV	112415104032	SRINIVAAS M	32	80
49	IV	112415104033	SRINIVASA PRABHU V	32	95
50	IV	112415104035	SUHAS NITIN KANNA M	32	95
51	IV	112415104037	VARALAKSHMI S	32	100
52	IV	112415104038	VASANTH G	32	85
53	IV	112415104039	VIGNESH R	32	85
54	IV	112415104301	HARI PRASATH D V	32	95
55	IV	112415104038	VASANTH G	32	70
56	IV	112415104039	VIGNESH R	32	80
57	IV	112415104301	HARI PRASATH D V	32	95
58	ME-CSE	112418405006	RAJESH R	32	75
59	ME-CSE	112418405007	SANGEETHA S	32	80
60	ME-CSE	112418405008	VINODHINI A	32	80
61	ME-CSE	112417405001	ANUSUYA S	32	95
62	ME-CSE	112417405004	GOMATHI S	32	85
63	ME-CSE	112417405006	JAKKAMPUDI DEDEEPYA	32	85
64	ME-CSE	112417405008	MYSHALINI D	32	90
65	ME-CSE	112417405012	SHERINE MONISHA S	32	80

COORDINATOR

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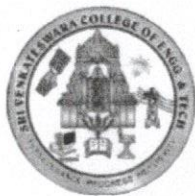
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms VENNILA M G (112416104050) UG/PG

Department of Computer Science and Engineering has successfully completed Value

Added Course titled 'EXPLORATORY DATA ANALYSIS FOR MACHINE

LEARNING' held from 11.02.2019 to 16.02.2019

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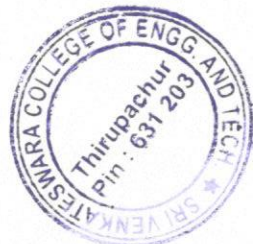## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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This is to certify that Mr/Ms KEERTHANA.V (112415104015). UG/PG

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This is to certify that Mr/Ms ....RAJESH.R.(11241840.5006.)...... UG/PG

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