



SRI VENKATESWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

20ECEVAC02 – DATA SCIENCE FOUNDATION USING R

EVENT REPORT

Name of the Course: DATA SCIENCE FOUNDATION USING R

Name of the Instructor: Mrs. G. Kavitha. Asst Prof, SVCET

Mr. M. Muthamizlan, Asst Prof, SVCET

Year and Branch: IV & ME-VLSI - ELECTRONICS AND COMMUNICATION ENGINEERING

Duration of Course: 35 Hrs (07.09.2020 to 12.09.2020)

SUMMARY OF THE EVENT:

The Course was inaugurated on **07.09.2020** 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 **12.09.2020** by 2.30 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on “Data Science Foundation Using R”

ASSESMENT MODE:

No of Students Enrolled: 79

Scheme of Exam: Online

No of Students appeared: 79

No of Students Passed: 79

Date of Exam: 12.09.2020

OUTCOME:

The students were able to understand the programming in R Software, basics of Data Science, Analyses the statics of data, data collections and preprocessing methods.

COORDINATOR

(Mrs. S. Anusha)

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Thirupachur, Thiruvallur - 631 203

HOD /ECE

(Mr. V. Rajeshkumar)





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20ECEVAC02 – DATA SCIENCE FOUNDATION USING R

TEST QUESTIONS

1. The most convenient way to use R is at a graphics workstation running a system
 - a) **windowing**
 - b) running
 - c) interfacing system.
 - d) matrix
2. Point out the wrong statement?
 - a) Setting up a workstation to take full advantage of the customizable features of R is a Straight forward thing
 - b) **q0 is used to quit the R program**
 - c) R has an inbuilt help facility similar to the man facility of UNIX
 - d) Windows versions of R have other optional help systems also
3. Point out the wrong statement?
 - a) Windows versions of R have other optional help system also
 - b) The help. Search command (alternatively??) allows searching for help in Various ways
 - c) **R is case insensitive as are most UNIX based packages, so A and a are different symbols and would refer to different variables**
 - d) \$ R is used to start the R program
4. Which of the following statement is alternative to
 - a) **help (solve)**
 - b) print (solve)
 - c) bind (solve)
 - d) matrix (solve)
5. Elementary commands in R consist of either-or assignments.
 - a) utilstats
 - b) language
 - c) **expressions**
 - d) packages
6. text editor provides more general support mechanisms via ESS for working interactively with R.
 - a) EAC
 - b) **Emacs**
 - c) Shell
 - d) ECAP
7. Point out the wrong statement?
 - a) The grammar of the language determines whether an expression is complete or not
 - b) The <- symbol is the assignment operator in R
 - c) **The ## character indicates a comment**
 - d) R does not support multi-line comments or comment blocks




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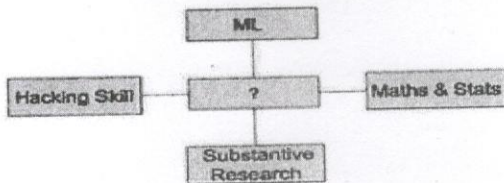


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8. Files containing R scripts end with extension
- S
 - R**
 - Rp
 - SP
9. Point out the wrong statement?
- operator is used to create integer sequences
 - The numbers in the square brackets are part of the vector itself**
 - There is a difference between the actual R object and the manner in which that R object is printed to the console
 - Files containing R a script ends with extension. R
10. If commands are stored in an external file, say commands. R in the working directory work, they may be executed at any time in an R session with the command
- source ("commands. R")**
 - exec ("commands. R")
 - execute ("commands. R")
 - exact ("command. R")
11. Which of the following would be more appropriate to be replaced with question mark in the following figure?



- Data Analysis
 - Data Science**
 - Descriptive Analytics
 - None of the mentioned
12. Point out the correct statement.
- Raw data is original source of data**
 - Preprocessed data is original source of data
 - Raw data is the data obtained after processing steps
 - Not mentioned
13. Which of the following is performed by Data Scientist?
- Define the question
 - Create reproducible code
 - Challenge results
 - All of the mentioned**
14. Which of the following is the most important language for Data Science?
- Java
 - Ruby
 - R**
 - None of the mentioned



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15. Point out the wrong statement.
- Merging concerns combining datasets on the same observations to produce a result
 - Data visualization is the organization of information according to preset spec.**
 - Subletting can be used to select and exclude variables and observations
 - All of the mentioned
16. Which of the following approach should be used to ask Data Analysis question?
- Find only one solution for particular problem
 - Find out the question which is to be answered**
 - Find out answer from dataset without asking question
 - None of the mentioned
17. Which of the following is one of the key data science skills?
- Statistics
 - Machine Learning
 - Data Visualization
 - All of the mentioned**
18. Raw data should be processed only one time.
- True
 - False**
19. Which of the following is a key characteristic of a hacker?
- Afraid to say they don't know the answer
 - Willing to find answers on their own**
 - Not Willing to find answers on their own
 - All of the mentioned
20. Which of the following is characteristic of Processed Data?
- Data is not ready for analysis
 - All steps should be noted**
 - Hard to use for data analysis
 - None of the mentioned

COORDINATOR

(Mrs. S. Anusha)

HOD /ECE

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20ECEVAC02 – DATA SCIENCE FOUNDATION USING R

TEST QUESTIONS

Responses cannot be edited

20ECEVAC02- Data Science Foundation Using R

20ECEVAC02- Data Science Foundation Using R

* Indicates required question

YEAR/SEM *
REGISTER NUMBER & NAME OF STUDENT

II/IV - 112419106020 - SOFIYA R

1. The most convenient way to use R is at a graphics workstation running a system

- a) windowing
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8. Files containing R scripts end with extension

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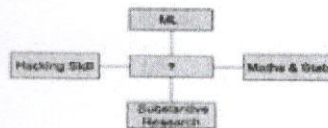
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- Option 1a) Data Analysis
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- c) Descriptive Analytics
- d) None of the mentioned



[Signature]
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- c) Raw data is the data obtained after processing steps
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Submitted 12/09/2020, 3:15PM

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20ECEVAC02 – DATA SCIENCE FOUNDATION USING R

Course Code	20ECEVAC02
Name of the Course	DATA SCIENCE FOUNDATION USING R
Duration of the Course	35 HOURS
Academic Year	2020-21
Period of the Course	07.09.2020-12.09.2020

STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
1	IV	112417106017	GOKUL ESWARAN.N	35	85
2	IV	112417106019	GRACEYAS.M	35	85
3	IV	112417106020	HAARTHI I	35	90
4	IV	112417106023	ILAKKIYA.P	35	90
5	IV	112417106025	KARANAM BHARATH KUMAR REDDY	35	95
6	IV	112417106027	KOWSALYA.R	35	95
7	IV	112417106029	LAKSHMIPRIYA S	35	90
8	IV	112417106031	MADHANRAJ GP	35	95
9	IV	112417106033	MALATHI.J	35	100
10	IV	112417106037	MOHANAKRISHNAN.D	35	95
11	IV	112417106039	MONISHA.P	35	95
12	IV	112417106041	NAGENDIRAN.M	35	95
13	IV	112417106045	PRASANTHI.B	35	100
14	IV	112417106047	PUNITH KUMAR.M	35	85
15	IV	112417106049	RAKESH.R	35	100
16	IV	112417106051	RAMANUJAM.M	35	85
17	IV	112417106053	SADHANA S	35	100
18	IV	112417106055	SANGEETHA.V	35	85



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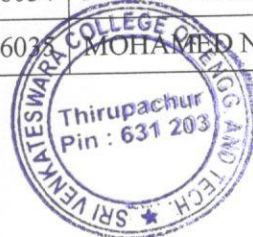


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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
19	IV	112417106061	SARAVANAN.K	35	90
20	IV	112417106065	SIVA KUMAR K	35	95
21	IV	112417106069	SUJITHKUMAR	35	95
22	IV	112417106071	SURENDHAR.S	35	95
23	IV	112417106075	SWETHA A	35	95
24	IV	112417106077	TAMILARASI	35	90
25	IV	112417106079	VASUMATHI	35	90
26	IV	112417106080	VEERASEKARAN.G	35	95
27	IV	112417106082	VINITHA	35	95
28	IV	112417106083	YAMINI.K	35	80
29	IV	112417106085	YUVARAJ.P	35	85
30	IV	112417106086	YUVARANI	35	85
31	IV	112417106303	SANTHOSH KUMAR	35	85
32	IV	112417106004	ASWINI.U	35	90
33	IV	112417106006	BHAVANI.K	35	90
34	IV	112417106010	DEVAGI T	35	90
35	IV	112417106012	DIVYA.M	35	85
36	IV	112417106014	DOMMITHI DINESHKUMAR REDDY	35	85
37	IV	112417106016	GNANAVEL M	35	90
38	IV	112417106018	GOMATHI S	35	100
39	IV	112417106022	HIDAYATHULLAH.A.R	35	100
40	IV	112417106024	JANANI.S	35	90
41	IV	112417106026	KIRAN SOFIA B	35	95
42	IV	112417106030	LAVANYA J	35	95
43	IV	112417106032	MAGESWARI.T.M	35	95
44	IV	112417106034	MARIA VICTORIA A	35	85
45	IV	112417106038	MOHAMED NAVAZ	35	85



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
46	IV	112417106036	MOHAMMED NIYAZ.S	35	90
47	IV	112417106038	MONISHA D	35	90
48	IV	112417106040	MUTHULAKSHMI.S	35	90
49	IV	112417106042	PAVITHIRA.S	35	95
50	IV	112417106044	PRAJAPATHI S	35	95
51	IV	112417106046	PRAVEEN KUMAR.R	35	95
52	IV	112417106048	RAGUPATHI B	35	85
53	IV	112417106050	RAKESH KUMAR.R	35	85
54	IV	112417106052	RAMYA.R	35	85
55	IV	112417106054	SANGAMITHIRA A	35	85
56	IV	112417106056	SANJAY.C	35	85
57	IV	112417106058	SANTHOSH KUMAR.S	35	90
58	IV	112417106059	SARANYA.N	35	90
59	IV	112417106060	SARASWATHI.S	35	90
60	IV	112417106063	SHARMILA D	35	90
61	IV	112417106064	SINDHYA.D	35	85
62	IV	112417106066	SIVENESH.E	35	100
63	IV	112417106067	SOWMIYA.Y	35	85
64	IV	112417106068	SREE HARITHA R	35	90
65	IV	112417106070	SUMATHI.M	35	95
66	IV	112417106072	SUSMITHA.R	35	95
67	IV	112417106073	M.SWATI	35	95
68	IV	112417106074	SWATHI.S	35	80
69	IV	112417106076	TAMILSELVI.R	35	85
70	IV	112417106084	YUVRAJE	35	90
71	IV	112417106304	K.SONIA	35	95
72	IV	112417106701	DEEPIKA	35	80



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
73	II-ME-VLSI	112419419001	ANITHA S	35	85
74	II-ME-VLSI	112419419002	DIVYABHRATHI V	35	90
75	II-ME-VLSI	112419419003	KOWSALYA J	35	90
76	II-ME-VLSI	112419419004	MONISHA C	35	90
77	II-ME-VLSI	112419419005	NANDHINI K	35	85
78	II-ME-VLSI	112419419006	SUGANYA J	35	95
79	II-ME-VLSI	112419419007	VINNARASU G	35	95

COORDINATOR
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