

#### COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-63 1203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

#### 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA" EVENT REPORT

Name of the Course: "DATA ANALYSIS IN BIG DATA"

Name of the Instructor: Dr. J Senthil Kumar, Asso Prof, CSE, Lovely Professional University

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

**Duration of Course:** 32 Hrs (10.02.2020 to 15.02.2020)

#### SUMMARY OF THE EVENT:

The Course was inaugurated on **10.02.2020** 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 **15.02.2020** 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 "Data Analysis in Big Data"

#### ASSESMENT MODE:

No of Students Enrolled: 70

No of Students appeared: 70

Date of Exam: 15.02.2020

Scheme of Exam: Offline

No of Students Passed: 70

#### **OUTCOME:**

After finishing this course, the students were able to acquire the Knowledge about the cost reduction and operational Efficiency, able to do the better decision making, able to understand improved data driven go to Market, able to understand the mitigation risk and handle setbacks.

COORDINATOR

(Mrs. S. Divya)

HOD / CSE

(Mr. P. Rethinasabapathy)

Shii Venkateswara College of Engineering and Technology

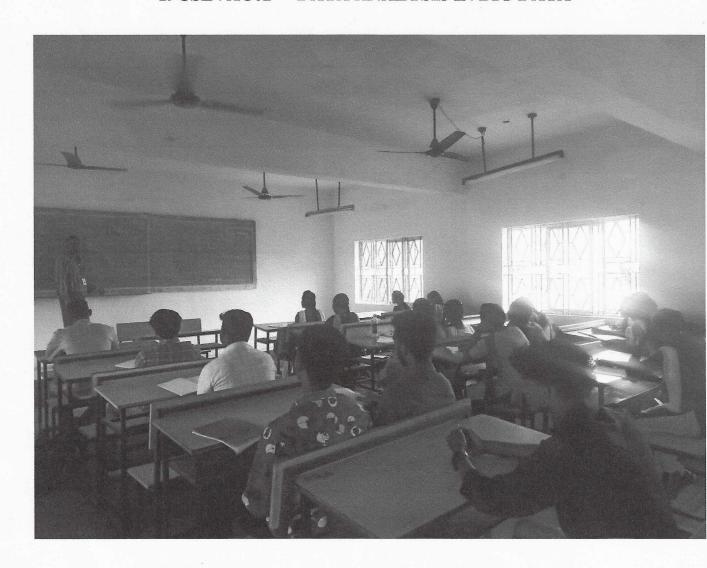
Thirupachur, Thiruxallur - 634 203



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#### 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA"



Value Added Course on "Data Analysis in Big Data" Handled by Dr. J Senthil Kumar, Associate Prof, Lovely Professional University





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#### REQUEST LETTER

From

P. Rethinasabapathy HOD /CSE SVCET Thirupachur.

To,

The Principal SVCET Thirupachur

Respected sir,

Sub: Requesting permission to conduct a 6 Days value added course -Reg

As the Head of Computer Science and Engineering Department, I would like to request your support and permission to conduct Training Program on "Data Analysis in Big Data" in our department. There is a need that has been identified of keeping the students up to date with the new technologies. Most students would not have knowledge on this area which is not our available in our curriculum. So, there is need for a there is need for this program to challenge the industry opportunities.

The dates for the Training program have been fixed. The Training will start on 10.02.2020 and end on 15.02.2020 (32 Hrs). Will be handled by **Dr. J. Senthil Kumar**, **Asso Prof**, **Lovely Profession University**. I kindly request your assistance in providing Tea and snack for the participants (students).

Please find the attached Invitation, circular to students, and a presentation highlighting the key areas that will be focused in the Training program.

HOD/CSE

(Mr. P. Rethinasabapathy)

Thanking You

PRINCIPAL

(Dr. J. Venkatesh)



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04.02.2020

#### **CIRCULAR**

The department of Computer Science and Engineering will be conducting value added course on "Data Analysis in Big Data" from 10.02.2020 to 15.02.2020 (32 Hrs). It is proposed to keep the students up to date with the new technologies.

All the students are requested to participate actively, certificate will be provided for the enrolled Participants.

All the interested candidates should enroll their names to Mrs. S. Divya, Assistant Professor, Department of Computer Science Engineering on or before **07.02.2020**.

HOD/CSE

p. Mun

(Mr. P. Rethinasabapathy)

PRINCIPAL

(Dr. J. Venkatesh)





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
"DATA ANALYSIS IN BIG DATA"

Date: 10.02.2020 - 15.02.2020

1. Dr. J. Senthil Kumar, Asst Prof,
Lovely Profesion University

Mr. P. Rethinasabapathy

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

Dr.J. Venkatesh



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#### 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA"

#### RESOURCE PERSON PROFILE

Name

Dr. J Senthil Kumar

Designation

Associate Professor

Department

Organization

**CSE** 

School of Computer Science and Engineering, Lovely Professional

University

**Phone Number** 

7973972825

MTech, PhD

Email.ID

senthil.266@lpu.co.in

Qualification

**Experience** 

15Years





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#### 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA" **COURSE CONTENT**

#### **OBJECTIVES**

- Helps organization harness their data and use it to identify new opportunities
- Smarter business moves.
- Create personalized marketing campaigns.
- Provide better customer service.

#### MODULE-1 INTRODUCTION TO DATA ANALYTICS

Predictive data analytics. Predictive analytics may be the most commonly used category of data analytics, predictive data analytics, diagnostic data analytics, and descriptive data analytics.

#### MODULE-2 OVERVIEW OF BIG DATA AND USING BIG DATA IN BUSINESS

Control data, process data, clean data, analyze data, dialogue with consumers, Re-develop products, perform risk analysis, data safety, create new revenue streams.

#### MODULE-3 TECHNOLOGIES FOE HANDLING BIG DATA AND UNDERSTANING HANDOOP ECOSYSTEM

Data storage, data mining, data analytics, data visualization, YARN, HDFS, MapReduce spark, spark MML Lib, solar, Lucene, zookeeper, Oozie

#### MODULE-4 FUNDAMENTALS OF MAPREDUCE AND HBASE AND DATABASES AND **DATA WAREHOUSES**

Traditional way for parallel and distributed processing, what is MapReduce? MapReduce e example, MapReduce advantages, MapReduce program, ehat is database? What is data warehouse, uses of database.

#### **OUTCOMES**

- 1. Cost reduction and operational efficiency
- 2. Faster, better decision making
- 3. Improved data-driven go to market
- 4. Mitigate risk and handle setbacks

COORDINATOR (Mrs. S. Divya)

Thirupachur

p. Mun

(Mr. P. Rethinasabapathy)



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# 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA" COURSE SCHEDULE

		6 Days Training Schedule - "Data A	
Day & Date	Session & Time	Speaker Name	Session Topics
Day 1	8.30 am to 10.30am	Dr. J Senthil Kumar, Asso Prof, LPU	Predictive data analytics. Diagnostic data analytics
10.02.2020	10.45 am to 12.45 pm	Dr. J Senthil Kumar, Asso Prof, LPU	Predictive analytics may be the most commonly used category of data analytics
	1.30 pm to 3.30pm	Dr. J Senthil Kumar, Asso Prof, LPU	Prescriptive data analytics
Day 2	8.30 am to 10.30am	Dr. J Senthil Kumar, Asso Prof, LPU	Descriptive data analytics
11.02.2020	10.45 am to 12.45 pm	Dr. J Senthil Kumar, Asso Prof, LPU	Control Data, Process Data
	1.30 pm to 3.30pm	Dr. J Senthil Kumar, Asso Prof, LPU	Clean Data, Analyze Data
Day 3 &	8.30 am to 10.30am	Dr. J Senthil Kumar, Asso Prof, LPU	Dialogue with Consumers, Re-Develop products Perform risk analysis, Data safety
12.02.2020	10.45 am to 12.45 pm	Dr. J Senthil Kumar, Asso Prof, LPU	Create new revenue streams
Day 4	8.30 am to 10.30am	Dr. J Senthil Kumar, Asso Prof, LPU	Data Analytics, Data Visualization
13.02.2020	10.45 am to 12.45 pm	Dr. J Senthil Kumar, Asso Prof, LPU	YARN, HDFS, MapReduce, Spark, Spark MML Lib
	1.30 pm to 2.30pm	Dr. J Senthil Kumar, Asso Prof, LPU	Solar, Lucene, Zookeeper, Oozie
Day 5	8.30 am to 10.30am	Dr. J Senthil Kumar, Asso Prof, LPU	Traditional Way for parallel and distributed processing
14.02.2020	10.45 am to 12.45 pm	Dr. J Senthil Kumar, Asso Prof, LPU	What is MapReduce? MapReduce Example
	1.30 pm to 2.30pm	Dr. J Senthil Kumar, Asso Prof, LPU	MapReduce Advantages
Day 6	8.30 am to 10.30am	Dr. J Senthil Kumar, Asso Prof, LPU	MapReduce Program
15.02.2020	10.45 am to 12.45 pm	Dr. J Senthil Kumar, Asso Prof, LPU	What is database? What is data warehouse
	1.30 pm to 3.30pm	Dr. J Senthil Kumar, Asso Prof, LPU	Uses of database & Test

& Ding COORDINATO

(Mrs. S. Divya)

Thirupachur Pin: 631 203 HOD / CSE

PRINCIPAL (Mr. P. Rethinasabapathy)
Sri Venkateswara College of

Engineering and Technology, Thirupachur, Thiruvallur - 631 203



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<b>Course Code</b>	19CSEVAC02
Name of the Course	DATA ANALYSIS IN BIG DATA
<b>Duration of the Course</b>	32 HOURS
Academic Year	2019-20
Period of the Course	10.02.2020-15.02.2020

#### LIST OF STUDENTS ENROLLED

S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	SIGNATURE
1	III	112417104026	PAVITHRA E	for the . I.
2	III	112417104027	PREETHA R	Buth. R.
3	III	112417104028	PREETHA R	Pourtha D.
4	III	112417104029	PREETHI B	Preethi. B
5	III	112417104030	PREETHI B	Porcetti B
6	III	112417104031	PUNITHAN R	Punit tora
7	III	112417104032	RAGURAMAN K	Ragipani
8	III	112417104033	RAJESH KANNAN K	Referl. K
9	III	112417104034	SANTHOSH S	Sarthosh.s
10	III	112417104035	SHANTHI S	shorth S.
11	III	112417104036	SHILPA S	Shi Pars
12	. III	112417104038	TEENA J	1.5.
13	III	112417104039	UPPULURI SAI JEEVAN	Jeevan.
14	III	112417104040	VENKATESAN N	Vi Tayas Rie. M
15	III	112417104041	VIJAYASREE M	V/) aya .M.
16	III	112417104042	VIMALA T	Vinala T
17	COLLEGE	112417104303	SANDALIYA M	Sand 1)

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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	SIGNATURE
18	IV	112416104001	ABITHA.S	18 Thas
19	IV	112416104002	AISHWARYA.G	A
20	IV	112416104003	ALAMELU.D	Florale D
21	IV	112416104004	ARUL VINAYAGAM	Soul.
22	IV	112416104005	BALAJI.V.S	Balais 5
23	IV	112416104006	CHANDRU PRAKASH.J	TC/pendoue
24	IV	112416104007	DRAVID.S	s. Dravid
25	IV	112416104008	GAJALAKSHMI.V	Greto
26	IV	112416104009	GOKUL.P	a le
27	IV	112416104010	GUKANATHAN.S	( our
28	IV	112416104011	HARINGDON.R	hautedon. R
29	IV	112416104012	INDUMATHY.S	Trollimate
30	IV	112416104013	ISHWARYA.A	Zeh d
31	IV	112416104014	JAYASRI.J	Carli
32	IV	112416104016	JESY.B	Tolle
33	IV	112416104017	KAVITHA.R	farith
34	IV	112416104018	KAVIYA.D	Kausya P.
35	IV	112416104019	KEERTHANA.S	2 110
36	IV	112416104020	KIRTHIGA.R	Ristofer
37	IV	112416104021	KRISHNAMOORTHY.K	Do-
38	IV	112416104022	MAHALAKSHMI.M	Maha
39	IV	112416104023	MOHANAVALLI.T	Tall P
40.00	LLFE	112416104024	NAGAJOTHI.K	Nagajodhits
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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	SIGNATURE
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43	IV	112416104027	PAVITHRA.V(1/6/99)	Pand Jan. W
44	IV	112416104028	PAVITHRA.V(8/6/99)	pondla-v.
45	IV	112416104029	POOVIZHI.D	poundl. D
46	IV	112416104030	PREETHA.B	pres .B
47	IV	112416104031	PRITHIYA.M	pends in
48	IV	112416104032	RAMYA.A	Rompa .0
49	IV	112416104034	RUPAN KUMAR S	Ripon Kin
50	IV	112416104035	SABARISAN.P	Sahoriy P
51	IV	112416104036	SANJAY.K	Cost of le
52	IV	112416104037	SATHIYA.S	Joly. K
53	IV	112416104039	SHALINI.G	Thalin . Cr
54	IV	112416104041	SUMAN RAJ.R	Juman Royal
55	IV	112416104042	SURALAKSHMI.V	auchathan:
56	IV	112416104044	SWATHY ATCHAYAA.B	. Carry . B
57	IV	112416104045	SWETHA.M	quetta.n
58	IV	112416104046	SWETHA.M	Solfm
59	IV	112416104048	THULASI RAMAN	John .
60	· IV	112416104049	VASANTH.V	V-JUS,
61	IV	112416104050	VENNILA.M.G	Van
62	IV	112416104051	VIJAYAKUMAR.V	Yello
C 63 E	IV	112416104052	VINOTH KUMAR.T.S	Vinlle
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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	SIGNATURE
66	ME- CSE	112419405006	VINOTH KUMAR K	Vinolly. 12
67	ME- CSE	112418405003	GANESAN S	Changle S
68	ME- CSE	112418405006	RAJESH R	Rojeh. R
69	ME- CSE	112418405007	SANGEETHA S	Songkedh
70	ME- CSE	112418405008	VINODHINI A	who A

S. Ding COORDINATOR

(Mrs. S. Divya)

HOD / CSE

(Mr. P. Rethinasabapathy)

Thirupachur 631 203



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<b>Course Code</b>	19CSEVAC02
Name of the Course	DATA ANALYSIS IN BIG DATA
<b>Duration of the Course</b>	32 HOURS
Academic Year	2019-20
Period of the Course	10.02.2020-15.02.2020

#### **ATTENDANCE SHEET**

	ME	BECUCTUR		15.	07.19	16.	07.19	17.	09.19	18.0	7.19	19.0	07.19	20.0	07.19	TOTAL
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1	III	112417104026	PAVITHRA E	Paul	Part	Pall	Rob	Rout	Palm	Buil	Buil	hart	Panta	Reusta	Bush	32
2	III	112417104027	PREETHA R	Poreft	Pard	& But	Breth	Break	Buth	Butha	Beth	Broke	Broth	Bredh	Buella,	32
3	Ш	112417104028	PREETHA R	quette	Bullo	prosts	Decade	post	Morg	good	- Aller	pourit	prost	preads	prost	32
4	III	112417104029	PREETHI B	OR .	02	ok	ak	DP.	OP.	ok	OP	OP	op	OF.	pk	32
5	III	112417104030	PREETHI B	Roull	pulb	Bury	Brush	Brads	Duell	Mester	David	sol sol	mall	Paul	Maria	32
6	III	112417104031	PUNITHAN R	Puthan	Ruth	Runt	Ruth	Puth	0	D 40	0 1	Ran	0 .	0	Punth	32
7	Ш	112417104032	RAGURAMAN K	Pary	Pager	roges	roger	pogus	ROGIE	page	poyer	2090	Douge		page	32
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9	III	112417104034	SANTHOSH S	Southall	Souther	halling	Nollins	Soulla	lasting.	Tallat	The last	•	beller	-	Southed	
10	Ш	112417104035	SHANTHI S	Shult		hout	Last	charlie	Solli	charte	Shull	Jank	70	Strok	Shatte	32
11	III	112417104036	SHILPA S	Shel	She	Set	42	de	Shy	Sha	She	·hs	h	Sh	Sla	32
12	III	112417104038	TEENA J	Jeona *	lana -	Teoner	Teen	Teera	Teere	Took	Tearn-	Jana.	Teora-	Teem.	Toora.	32
13	III	112417104039	UPPULURI SAI JEEVAN OLLE	بُ	a)	is	الآن	(i	'\	is	a) i	ij	uj i	N	vý l	32

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18	IV	112416104001	ABITHA.S	3.80	S-80	SA	3.B	s.8.	390	380	5420	3.8	8.8	8.2	3.80	32
19	IV	112416104002	AISHWARYA.G	This	leigh	Rid	lig	Min	till	Mis	which .	Lieb	Aish	leis	Aust	32
20	IV	112416104003	ALAMELU.D	roler	Meles	ren	new	ron	Nebr	Webs	Heli	Neb	Note	Note	Nde	32
21	IV	112416104004	ARUL VINAYAGAM	N	W	NIP	M	DO	AND	M	PS	to a	DIST	<b>W</b> 4	AD.	32
22	IV	112416104005	BALAJI.V.S	enlegh	pologie	Balay	bologe	tolog	Bologe	tologi	bolay	Balaje	polay	Boliji	Bolos	32
23	IV	112416104006	CHANDRU PRAKASH.J	ce	q	CF.	Q.	Q	SP	S	CP.	de	CP	cf	CP	32
24	IV	112416104007	DRAVID.S	David	Paraud	Donie	Daniel	Paux	David	Down	Door	David	Dnai	Doguid	Donid	32
25	IV	112416104008	GAJALAKSHMI. V	broge	ciósa	orajo	oraja	ous	oroja	ajo	οιοίο	orajo	Doga	projo	sign	32
26	IV	112416104009	GOKUL.P	Q. Oxyl	8.84.8	RUE	popl	recept	RUK	Royal	PR	Py	pop	N. Bry	4. Pr	32
27	IV	112416104010	GUKANATHAN. S	col	col	ord	col	ok	od	ob	61	ode	Of.	col	od,	32
28	IV	112416104011	HARINGDON.R	ples	0.80	A les	6 Per	b. fe	ale	When	6 for	ylo	w for	byen	Whom	32
29	IV	112416104012	INDUMATHY.S	5.00	Strati	5.00	5,10	Surt	Sur	Sur	Surel	لسريو	5.00	. Web	. wet	32
30	IV	112416104013	ISHWARYA.A	14.9	risp	la. 9	P. Th	ant	air	ant	BM	p.ist	Pul	AM	ant	32
31	IV	112416104014	JAYASRI.J	wy	your	July	John	wy	101	you	jor	por	you	no	your	32
32	IV	112416104016	JESY.B COLU	Flow	Lesy	Jery	Jery	Jery	Jesy	Jesi	Jesy	Jan	Jesy	Long	Tery	32
33	IV	112416104017	KAVITAA.R	2.40	P. Cul	P.VO	PAR	D. Kar	-a vo	P KO	Cour	1.128	nvo	p.v.	n la	7 32



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				15.07.	.19	16.07	.19	17.09	.19	18.07	.19	19.07	.19	20.07.1	9	TOTAL
S.N O	YE AR	REGISTER NUMBER	NAMEOF STUDENTS	6 HO	URS	6 НО	URS	6 HO	URS	4 HO	URS	4 HO	URS	6 HOU	IRS	HOURS (32)
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	(02)
34	IV	112416104018	KAVIYA.D	Don	m	hu	w	MR	Me	w	m	Cm	M	prop	pm	32
35	IV	112416104019	KEERTHANA.S	5-V8-5	Suedo	5, 40,0	5-400	5-1000	5 ver	Seed	5-6010	5-(00)	5. Lee 10	Syde	S. leet	32
36	IV	112416104020	KIRTHIGA.R	10 STUR	المرتون	COL	wil	last	( I DIN	Visite	work	1150	KITH	(e Note	10 pil	32
37	IV	112416104021	KRISHNAMOOR THY.K	Khe.	vot.	KO.	Kle	KTH.	KRY	KRY	Khy,	killer	FRy	k Rey	Hay	32
38	IV	112416104022	MAHALAKSHM I.M	1000	Merce	مللص	regul	Jalue	BUL	orest	orded	Jula	Judged	orbit	Jugue !	32
39	IV	112416104023	MOHANAVALLI .T	Mahen	ochur	who	hely	holis	udr	now	viel	wol	Kroh	Roll	and a series	32
40	IV	112416104024	NAGAJOTHI.K	m	m	N	m	W	m	m	W	W	m	NN	m	32
41	IV	112416104025	NIKHITHA.A.S	winds	rides	MA	PHA	Phier	with	M	PHB	my.	Night	PHA	U. HOR	32
42	IV	112416104026	NIVETHITHA.S	Nineth	Newill	hinet	Neuth	Rull	Privile	Liveriti	Livith	Divid	Melik	Mull	Nauth	32
43	IV	112416104027	PAVITHRA.V	w	UD	0.8	P	U. 8	U.B	5-8	J.V	1.8	v. 8/	J.V	W. 8	32
44	IV	112416104028	PAVITHRA.V	Mari	gor	pr	m	R	y	P	p	ya	pr	gen	P	32
45	IV	112416104029	POOVIZHI.D	Podir	peani	Ropi	Posti	Posti	poolir	Pochi	Percul	Pochi	Coour	peani	posoui	32
46	IV	112416104030	PREETHA.B	O to all	prob	prod	Die	N VOOR	place	Wiege	Percui	1000	Wiss	NADA	wet	32
47	IV	112416104031		ents	glo	· m	MA	wy	pm	M	for	M	709	M	W	32
48	IV	112416104032	RAMYA.A	Q-1800	6-602	0.00/	Dong	10.00	000	0.00	0-007	0.00	0,800	12-pu	5 Am	32
49	IV	112416104034	RUPAN KUMAR S	ele	ele	ek	ele	ele	PA	De	de	the	ple	pk	pt	32
50	IV	112416104035	SABARISAN.P	Soloan	50000	Colois	gordi	20000	godowi	To zoi	Colosii	ما المحادث	Solice	war.	Solowi	32
51	IV	112416104036	SANJAY.K	in Ct	(A.S)	4.8%	6.8	4.8	Ca.So	4.4	14	46)	15.8	v.8	v.8/	32
52	IV	112416104037	SATHIYA.S	- Just	July	file	Field	shy	bol.	dolly	Chys	College	alle	aly	M	32
53	IV	112416104039	SHALINI GWARA	18	De	V	M	m	m	7/	N	N	M	N	1~	32



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				15.07.	19	16.07	19	17.09.	19	18.07.	.19	19.07.	.19	20.07.1	9	TOTAL		
S.N O	YE AR	REGISTER NUMBER	NAMEOF STUDENTS	6 HO	URS	6 HO	URS	6 HOURS		6 HOURS		4 HOURS		4 HO	4 HOURS 6 HO		IRS	HOURS (32)
U	AK	NONIBER		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN			
54	IV	112416104041	SUMAN RAJ.R	N	-W	N	~	N	u	~~	~	ri	no	w		32		
55	IV	112416104042	SURALAKSHMI. V	pr	ger	for	m	gu	gu	Su.	300	gen	12	118		32		
56	IV	112416104044	SWATHY ATCHAYAA.B	quar	qual	-	0	que	Trub .	-	Yud .	you -	400	sua sua	Suit	32		
57	IV	112416104045	SWETHA.M	orge	a. En	or.Sh	MEN	br 81			U	en fr	1	U	a.Br	32		
58	IV	112416104046	SWETHA.M	مالتو	aste	- de	ate	Sylls	sudle	sulto	sudlo	Susal	Swells	Sweller	Suddo	32		
59	IV	112416104048	THULASI RAMAN	duler	White	Varia	Jul.	hull	with	wh	Cole	Church	1 gul	Any.	Jule	32		
60	IV	112416104049	VASANTH.V	you	UN	Chex	que,	- July	VEN.	B NEW	volv	well .	Chiny	عميس	VELL	32		
61	IV	112416104050	VENNILA.M.G	viv	W	VW	~~	- Con	w	M	A	· A	he	1	Suppl	32		
62	IV	112416104051	VIJAYAKUMAR. V	peral	Kuray	www.	Kurns	pural	W. Jane	wind	Kurke	Krisky	WARD	e word	W.S.	32		
63	IV	112416104052	VINOTH KUMAR.T.S	W	Uk.	W	W	W	Vk	N	1	1	Wk.	Je	9/2	32		
64	IV	112416104053	YUVARAJ.N	M	-M	AA	鱼	1	112	M	12	M	100	1	M	32		
65	IV	112416104701	INAKOLLU HEMA SUDHA	wides	malou .		المري	ما ما ما ما	220	المالية المالية	No. NO.	Le Le le	الأربا (	well	well .	32		
66	ME- CSE	112419405006	VINOTH KUMAR K	Wind of the state	Juse	Uniet	June	Urit	JAN	UNIVA	700	OPI	مَنْ الله	Vive	Urill			
67	ME- CSE	112418405003	GANESAN S	5.69	59	598	Sy	59	59	SCY	59	5-98	58	5.8	52	32		
68	ME- CSE	112418405006	RAJESH R	8- Par	Face	8 n. P	500	PAZ	102	202	15	010.76	107	10.70	J. 6-24	52		
69	ME- CSE	112418405007	SANGEETHA S	fer	le	100	14	10	-60	Su	10		Ju	Sur	Cr	32		
70	ME- CSE	112418405008	VINODHINI A	W	m	ngu	ser	non	m	nd	m	n	, a	-7	-	32		

COORDINATOR
(Mrs. S. Divya)



HOD/CSE

(Mr. P. Rethinasabapathy)



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## 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA" TEST QUESTIONS

- 1. Point out the wrong statement?
- a) Hardtop's processing capabilities are huge and its real advantage lies in the ability to process terabytes & petabytes of data
- b) Hadoop uses a programming model called "MapReduce", all the programs should confirm to this model in order to work on Hadoop platform
- c) The programming model, MapReduce, used by Hadoop is difficult to write and test
- d) All of the mentioned
- 2. Choose the correct statement?
- a) Master assigns work to all the slaves
- b) Client need to interact with master first, as it is the single place where all the meta data is available
- c) We cannot edit data once written in Hadoop
- d) All of these
- 3. .....can best be described as a programming model used to develop Hadoop-based applications that can process massive amounts of data.
- a) MapReduce
- b) Mahout
- c) Oozie
- d) All of the mentioned
- 4. .....jobs are optimized for scalability but not latency.
- a) Map Reduce
- b) Drill
- c) Hive
- d) Oozie
- 5. Under Hadoop High Availability, Fencing means.
- a) Preventing a previously active name node from start running again
- b) Preventing the start of a fail over in the event of network failure with the active name node
- c) Preventing the previously active name node



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- d) Preventing a previously active name node from writing to the edit log
- 6. The fully distributed mode of installation(without virtualization) needs a minimum of
- a) Physical machine
- b) 2 Physical machines
- c) 3 Physical machines
- d) 4 Physical machines
- 7. What is a Daemon?
- a) Process or service that runs in background
- b) Applications submitted by user
- c) Web application running on web server
- d) None of these
- 8. What are the different phases in Big Data Analytics?
- a) Partitioning
- b) Shuffle
- c) Sort
- d) All of the above
- 9. What are the typical functions of Job Tracker?
- a) Accepts jobs from clients
- b) It talks to the Name Node to determine the location of the data
- c) It locates Task Tracker nodes with available slots at or near the data
- d) All of the above
- 10. Facebook Tackles Big Data With based on Hadoop.
- a) Project Prism
- b) Prism
- c) Project Big
- d) Project Data

11. According to analysts, for what can traditional IT systems provide a foundation when they're integrated with big data technologies like Hadoop?

a) Big data management and data mining



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- b) Data warehousing and business intelligence
- c) Management of Hadoop clusters
- d) Collecting and storing unstructured data
- 12. All of the following accurately describe Hadoop, EXCEPT:
- a) Open source
- b) Real-time
- c) Java-based
- d) Distributed computing approach
- 13. ..... has the world's largest Hadoop cluster.
- a) Apple
- b) Datamatics
- c) Facebook
- d) None of the mentioned
- 14. What are the five V's of Big Data?
- a) Volume
- b) Velocity
- c) Variety
- d) All the above
- 15. ..... hides the limitations of Java behind a powerful and concise Clojure API for Cascading.
- a) Scalding
- b) Cascalog
- c) Heatalog
- d) Healding
- 16. What are the main components of Big Data?
- a) MapReduce
- b) HDFS
- c) YARN
- d) All of these





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- 17. What are the different features of Big Data Analytics?
- a) Open-Source
- b) Scalability
- c) Scalability
- d) All the above
- 18. Define the Port Numbers for Name Node, Task Tracker and Job Tracker.
- a) Name Node
- b) Task Tracker
- c) Job Tracker
- d) All of the above
- 19. Facebook Tackles Big Data With..... based on Hadoop
- a) Project Prism
- b) Prism
- c) Project Data
- d) Project Bid
- 20. What is a unit of data that flows through a Flume agent?
- a) Record
- b) Event
- c) Row
- d) Log

COORDINATOR

(Mrs. S. Divya)

HOD/CSE

(Mr. P. Rethinasabapathy)

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#### 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA" **FEEDBACK FORM**

Student Reg. No. & Name: 112417104036 X She 1Pa. S

Sem & Year: 6 & 111

Date: 15.02.2020

#### **Evaluating the following Question**

- 1. This course was interesting a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree 2. Was this course useful? a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree 3. During the course did you find any technical Difficulties? d) Disagree e) Strongly Disagree c) Moderate a) Strongly Agree b) Agree 4. did the instructor delivered the information, you didn't know already a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree 5. The Subject matter was presented effectively
- b) Agree
- c) Moderate
- d) Disagree e) Strongly Disagree
- 6. This instructor helped me learn about how the course works in the real world.
- a) Strongly Agree

a) Strongly Agree

- c) Moderate d) Disagree e) Strongly Disagree
- 7. This instructor provided information I can use to be successful in my career.
- a) Strongly Agree
- b) Agree
- c) Moderate
- d) Disagree e) Strongly Disagree
- 8. Overall how do you rate the Training Program?
- a) Strongly Agree
- b) Agree
- c) Moderate
- d) Disagree e) Strongly Disagree





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# 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA"

TEST QUESTIONS
Student Reg. No. & Name: 112416104042 & Swalatshme. V
Sem & Year: 8 % IV Date: \$5.02.202
1. Point out the wrong statement?
a) Hardtop's processing capabilities are huge and its real advantage lies in the ability to process terabytes
& petabytes of data
b) Hadoop uses a programming model called "MapReduce", all the programs should confirm to this
model in order to work on Hadoop platform
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d) All of the mentioned
2. Choose the correct statement?
a) Master assigns work to all the slaves
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c) We cannot edit data once written in Hadoop
d) All of these
3can best be described as a programming model used to develop Hadoop-based applications
that can process massive amounts of data.
a) MapReduce
b) Mahout
c) Oozie
d) All of the mentioned
4jobs are optimized for scalability but not latency.
a) Map Reduce
b) Drill
c) Hive PRINCIPAL
d) Oozie Sri Venkateswara College of

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d) Project Data
11. According to analysts, for what can traditional IT systems provide a foundation when they're
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a) Big data management and data mining
b) Data warehousing and business intelligence
c) Management of Hadoop clusters
d) Collecting and storing unstructured data
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d) Distributed computing approach
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@ Facebook
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b) Velocity
c) Variety
d) All the above
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b) Carcalog
c) Heatalog
d) Healding    A   Printrupachur   C

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16. What are the main components of Big Data?
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b) HDFS
c) YARN
d) All of these
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b) Scalability
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## 19CSEVAC02 - "DATA ANALYSIS IN BIG DATA"

Course Code	19CSEVAC02	
Name of the Course	DATA ANALYSIS IN BIG DATA	
<b>Duration of the Course</b>	32 HOURS	
Academic Year	2019-20	
Period of the Course	10.02.2020-15.02.2020	

## STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
1	Ш	112417104026	PAVITHRA E	32	80
2	III	112417104027	PREETHA R	32	25
3	III	112417104028	PREETHA R	32	80
4	III	112417104029	PREETHI B	32	85
5	III	112417104030	PREETHI B	32	85
6	III	112417104031	PUNITHAN R	32	80
7	III	112417104032	RAGURAMAN K	32	85
8	III	112417104033	RAJESH KANNAN K	32	80
9	III	112417104034	SANTHOSH S	32	80
10	III	112417104035	SHANTHI S	32	90
11	III	112417104036	SHILPA S	32	95
12	III	112417104038	TEENA J	82	20
13	III	112417104039	UPPULURI SAI JEEVAN	32	80
14	III	112417104040	VENKATESAN N	32	80
15	III	112417104041	VIJAYASREE M	32_	80
16	III	112417104042	VIMALA T	82	80
17	III	2417104303	SANDALIYA M	RINCIPAL	85



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
18	IV	112416104001	ABITHA.S	32	80
19	IV	112416104002	AISHWARYA.G	32	90
20	IV	112416104003	ALAMELU.D	32	80
21	IV	112416104004	ARUL VINAYAGAM	32	85
22	IV	112416104005	BALAJI.V.S	32	85
23	IV	112416104006	CHANDRU PRAKASH.J	32	85
24	IV	112416104007	DRAVID.S	32	85
25	IV	112416104008	GAJALAKSHMI.V	32	85
26	IV	112416104009	GOKUL.P	32	80
27	IV	112416104010	GUKANATHAN.S	32	80
28	IV	112416104011	HARINGDON.R	32	85
29	IV	112416104012	INDUMATHY.S	32	80
30	IV	112416104013	ISHWARYA.A	32	85
31	IV	112416104014	JAYASRI.J	32	80
32	IV	112416104016	JESY.B	32	90
33	IV	112416104017	KAVITHA.R	32	98
34	IV	112416104018	KAVIYA.D	32_	80
35	IV	112416104019	KEERTHANA.S	32	85
36	IV	112416104020	KIRTHIGA.R	32	95
37	IV	112416104021	KRISHNAMOORTHY.K	32	95
38	IV	112416104022	MAHALAKSHMI.M	32	80
39	IV	112416104023	MOHANAVALLI.T	32	85
40	IV	112416104024	NAGAJOTHI.K	32	85
41	IV	112416104025	MATHITHA.A.S	321	85



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
42	IV	112416104026	NIVETHITHA.S	32	80
43	IV	112416104027	PAVITHRA.V	32	85
44	IV	112416104028	PAVITHRA.V	32	85
45	IV	112416104029	POOVIZHI.D	32	88
46	IV	112416104030	PREETHA.B	32	85
47	IV	112416104031	PRITHIYA.M	32	86
48	IV .	112416104032	RAMYA.A	32	80
49	IV	112416104034	RUPAN KUMAR S	32	80
50	IV	112416104035	SABARISAN.P	32	80
51	IV	112416104036	SANJAY.K	32	85
52	IV	112416104037	SATHIYA.S	32	80
53	IV	112416104039	SHALINI.G	32	85
54	IV	112416104041	SUMAN RAJ.R	32	80
55	IV	112416104042	SURALAKSHMI.V	32_	95
56	IV	112416104044	SWATHY ATCHAYAA.B	32	80
57	IV	112416104045	SWETHA.M	32	90
58	IV	112416104046	SWETHA.M	32	90
59	IV .	112416104048	THULASI RAMAN	32	80
60	IV	112416104049	VASANTH.V	32	80
61	IV	112416104050	VENNILA.M.G	32	95
62	IV	112416104051	VIJAYAKUMAR.V	32	85
63	IV	112416104052	VINOTH KUMAR.T.S	32	80
64	IV	112416104053	MUPARAJ.N	321	80
65	IV	112416104701	INAKOLUCHEMA SUDHA	PRINCIPAL	80



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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARK
66	ME- CSE	112419405006	VINOTH KUMAR K	32	90
67	ME- CSE	112418405003	GANESAN S	32_	95
68	ME- CSE	112418405006	RAJESH R	32_	90
69	ME- CSE	112418405007	SANGEETHA S	32	80
70	ME- CSE	112418405008	VINODHINI A	32	85

COORDINATOR

(Mrs. S. Divya)

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(Mr. P. Rethinasabapathy)

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that M+/Ms SURALAKSHMI. V. LID. 416.104.042.).... UG/PG

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'

held from 10.02.2020 to 15.02.2020

CO-ORDINATOR

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms MOHANAVALLI.I.(11241610402.8)...... UG/PG

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'

held from 10.02.2020 to 15.02.2020

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms VI.MALA.T. (124.17/04042.) UG/PG

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'

held from 10.02.2020 to 15.02.2020

CO-ORDINATOR

Thirupachur Pin: 631 203

HOD / CSE

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruvallur - 631 203



Thirupachur - 631203, Thiruvallur TK, & DT

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms PREETHA. R. (112417104027) UG/PG

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'

held from 10.02.2020 to 15.02.2020

CO-ORDINATOR

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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SANIJEETHAS (112418405007) UG/PG

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'

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Thirupachur, Thiruvallur - 6312

FRINCIPAL



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# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms RAJESH: R L1124184.05006.) UG/PG

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'-

held from 10.02.2020 to 15.02.2020

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Thirupachur - 631203, Thiruvallur TK, & DT APPROVED by AICTE, New Delhi and Affiliated to Anna University, Chennai

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE OF PARTICIPATION

Department of Computer Science and Engineering has successfully completed

Value Added Course titled 'DATA ANALYSIS IN BIG DATA'

held from 10,02:2020 to 15.02.2020

HOD / CSE

Engineering and Technology, Thirupachur, Thiruvallur - 631 203