

**5 DAY
ADD ON COURSE
on**

"Data Science"

**2nd Sep 2019 - 6th Sep 2019
(5 DAYS)**

RESOURCE PERSON

MR. SAGAR SONAWANE

COORDINATOR

**Prof. Sumit Kumar
Asst. Professor**

9503178547



**VISHWATMAK OM GURUDEV COLLEGE OF
ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
ENGINEERING**

[Affiliated to MSBTE, Mumbai , Approved by AICTE,
New Delhi & DTE, M.S.]
At : Mohili , Post : Aghai , Via Kalyan , Dist. : Thane ,
421301



Why DATA SCIENCE ?

The need for understanding big data and the skills of a Data Scientist will increase by 27.6%. As the data science course utilizes statistics and predictive analysis, the need for Data Scientists in the IT sector will rise. Hence, there will be greater job security and a good salary.

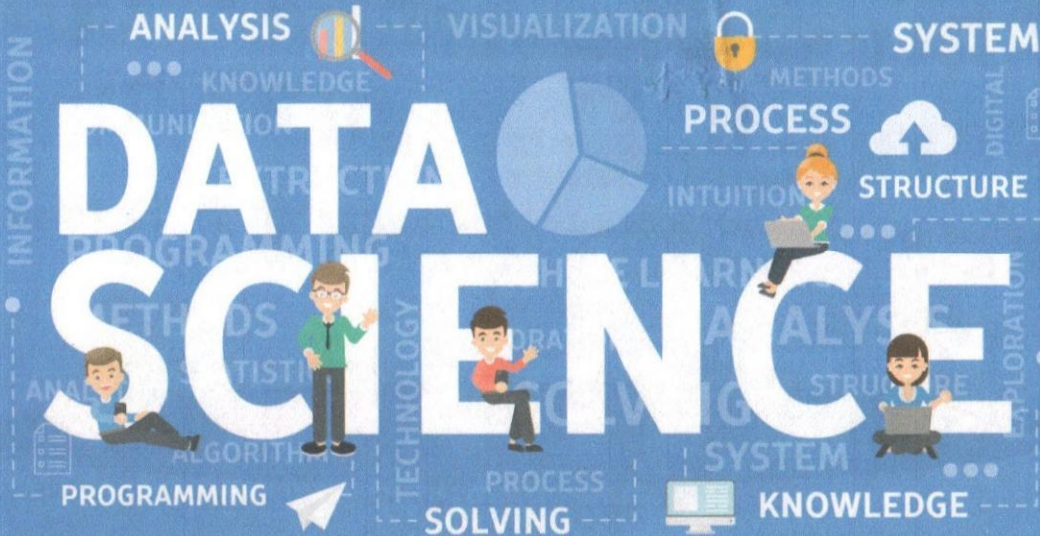
COURSE OUTCOMES:

Data Science Masters Course equips candidates with a thorough understanding of:

- Implementing different methodologies to find new trends and patterns
- Creating quantitative algorithms to organise a massive amount of data

COURSE CONTENTS :

- Introduction to Data Science - 1 hr
- Understanding Exploratory Data Analysis - 2 hr
- Machine Learning- hr
- Model selection and evaluation - 4 hr
- Data Warehousing- 5 hr
- Data Mining- 3 hr
- Data Visualization- 3 hr
- Cloud Computing- 2 hr
- Business Intelligence- 1 hr
- Storytelling with Data- 1 hr
- Communication and Presentation- 2 hr





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Vishwatmak Jangli Maharaj Ashram Trust's
Vishwatmak Om Gurudev College of Engineering

Name of Course :	“ADD ON Course on "Data Science"”		
Duration :	40 Hrs	Modules :	11
Course Objectives :	The need for understanding big data and the skills of a Data Scientist will increase by 27.6%. As the data science course utilizes statistics and predictive analysis, the need for Data Scientists in the IT sector will rise. Hence, there will be greater job security and a good salary.		
Course Outcomes :	Data Science Masters Course equips candidates with a thorough understanding of: <ul style="list-style-type: none">• Implementing different methodologies to find new trends and patterns.• Creating quantitative algorithms to organise a massive amount of data.		
Course Pre-requisites :	Mathematics, like probability, statistics, algebra, and calculus. Object-oriented programming languages like Java, C, or Python. Structured Query Language (SQL) for database queries.		
Career Prospects:	Most companies are adopting data analysis for their growth. Data Scientists are in a growing demand not just in technology, but also in all other major sectors, including FMCG, logistics, and more. It is commendable to inscribe here that the five biggest companies viz. Google, Amazon, Apple, Microsoft, and Facebook have employed one-half of the total data scientists the world has. Data science career opportunities are nonetheless, incredibly diverse. Opting to undertake a data science career will open up several career opportunities and job titles for you.		

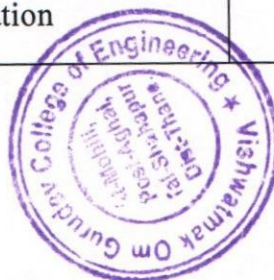




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Vishwatmak Om Gurudev College of Engineering

COURSE CONTENTS:

Sr.No.	Name of Topic	Hours
1	Introduction to Data Science -	1hr
2	Understanding Exploratory Data Analysis	2hr
3	Machine Learning	2hr
4	Model selection and evaluation	4hr
5	Data Warehousing	5hr
6	Data Mining	3hr
7	Data Visualization	3hr
8	Cloud Computing	2hr
9	Business Intelligence	1hr
10	Storytelling with Data	1hr
11	Communication and Presentation	2hr





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Vishwatmak Jangali maharaj Ashram Trust

VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

Department Of Electronics and telecommunication

Name of Programme: Add on Course on "data science"

Sr.	Name Of Student	Mobile number	sign
1	Kunal Raja Channe	9129080159	Channe
2	Suraj Suresh Jadhav	9767729224	Jadhav
3	Bagul Ramesh M.		Bagul
4	Shelar Pratik Prakash		Pratik
5	Karnave Shraddha		Shraddha
6	Jadhav Nishish		Yung
7	Kalyani Patil		Patil
8	Bhoir Pankaj Paman		Pankaj
9	Dhenuashree Ganpat P.		Dhenu
10	Raut Pooja Kailas		P. Raut.
11	Suryawanshi Ajay Ganesh		Ajagand
12	Telal Madke		Madke
13	Potel Tidngasa		Potel
14	Ranshawari Ushali		Ranshawari
15	Toke Rohit		Toke
16	Singh Ayushi		Singh
17	Pawar Saurabh		Saurabh
18	Shelar Pranali		Banshela
19	Yedje Nimala		Yedje
20	Hemraj More		Hemraj
21	Pankaj Bhoir		Bhoir
22	Aodambe Hanomant		Hanomant
23	Sonali Patil		Sonali
24	Deyyani Nipurte		Nipurte
25	Harshada Padmekar		Padmekar
26	Vyapari Vidya R		Vidya
27	Khanolkar Prayush		Prayush
28	Gangashetty Rahul		Shetty
29	Manita Jangam		Manita
30	Thakare Dipti		Dipti
31	Prashant Chaudhari		Prashant
32	Jadhav Pragati		Pragati
33	Lone Karishma		Lone
34	Khad Harshada		Harshada
35	Rohal Patil		Rohal
36	Patil Dhanashree		D. Patil
37	Subodh Patil		Subodh
38	Satpute Nilam		Nilam
39	Aodambe Hanomant Bhoir Akhil		Aodambe
40	Bhabad Ganesh		Ganesh
41	Wankar Reshma		Reshma
42	Kadam Madhuri		Madhuri
43	Nikhade Prashant		Prashant
44	Pawar Saurabh		Pawar
45	Raut Raut Rutik		Raut
46	Shelar Pratik Pratik		Shelar
47	Shinde Pranali		Shinde
48	Thakore Anurita		Thakore



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Journal



Sr.No	Name of Student	Board/Institution	Sign of student
1	Pati Harshad		Harshad
2	Telwan M.		Telwan
3	Adityan Tudor		Tudor
4	Arjun Samant		Arjun
5	Pati Bhavika		Bhavika
6	Udaykar Gokhale		Udaykar
7	Anurag Kumar		Anurag
8	Hojage Hansik		Hojage
9	Kumar Leena		Kumar
10	Nimse Mayur		Nimse
11	Dipak Bhambhani		Dipak
12	Singh Anoop		Singh
13	Pati Roshan		Pati
14	Pati Praveer		Pati
15	Sahay Anshuman		Sahay
16	Anand Madhav		Anand
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ADD ON REGISTRATION





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VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING
Department Of Engineering Sciences And Humanities

20-19-20

Programme Attendance Sheet

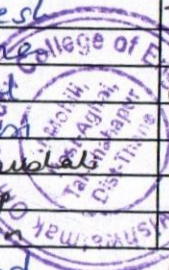
Name of Programme: Data Science

Sr. No.	Name Of Student	Session-I		Session-II		Session-I		Session-II		Session-I		Session-II	
1	Jadhav Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati	Pragati
2	YAPARI VIDYA	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
3	Lone Karishma	Lone	Lone	Lone	Lone	Lone	Lone	Lone	Lone	Lone	Lone	Lone	Lone
4	Khade Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala	Harshala
5	Nipuste Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari	Denayari
6	Patil Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
7	Patil Dhonashree	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil	D. Patil
8	Patil Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh	Subodh
9	Raut Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
10	Jatpute Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam	Nilam
11	Suryawami Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
12	Thakare Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti	Dipti
13	Godambe Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant	Hanumant
14	Bhoir Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil
15	Bhoir Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj
16	Patil Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil	Anil
17	Khairnar Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha	Shraddha
18	Yadav Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish	Nimish
19	Patil Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
20	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani	Kalyani
21	Ramesh Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh	Bagesh
22	Chaudhari Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
23	Bhabad Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
24	Dinkar Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna	Reshna
25	Gangashetty Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
26	Jangam Manita	Manita	Manita	Manita	Manita	Manita	Manita	Manita	Manita	Manita	Manita	Manita	Manita
27	Kadam Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri
28	Madke Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja	Teja



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29	More Hemraj	Hemraj	Hemraj	Hemraj	Kemraj	Kemraj	Hemraj	Hemraj	Kemraj		
30	Nilchade Prashant	Prashant	Prash	Prash	Prash	Prash	Prash	Prash	Prash	Prash	Prash
31	Pamle Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali
32	Pawar Samabh	Samabh	Samabh	Samabh	Samabh	Samabh	Samabh	Samabh	Samabh	Samabh	Samabh
33	Paul Jidnyasa	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul
34	Paul Jidnyasa										
35	Ramlineare Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali	Vrudhali
36	Raut Rutik	Rutik	Rutik	Rutik	Rutik	Rutik	Rutik	Rutik	Rutik	Rutik	Rutik
37	Shelar Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali
38	Toke Rohit	R.Toke	R.Toke	R.Toke	R.Toke	R.Toke	R.Toke	R.Toke	R.Toke	R.Toke	R.Toke
39	Shelar Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik
40	Shinde Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali	Pramali
41	Thakore Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita
42	Yedje Nirmala	Nirmala	Nirmala	Nirmala	Nirmala	Nirmala	Nirmala	Nirmala	Nirmala	Nirmala	Nirmala
43	Singh sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli	Sayevsli
44	Ubate Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil	Akhil
45	Patil Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali	Sayali
46	Patil Harshad	Harshad	Harshad	Harshad	Harshad	Harshad	Harshad	Harshad	Harshad	Harshad	Harshad
47	Yadan Bipin	Bipin	Bipin	Bipin	Bipin	Bipin	Bipin	Bipin	Bipin	Bipin	Bipin
48	Telwani Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar
49	Adhikari Tejash	Tejash	Tejash	Tejash	Tejash	Tejash	Tejash	Tejash	Tejash	Tejash	Tejash
50	Singh Sameer	Sameer	Sameer	Sameer	Sameer	Sameer	Sameer	Sameer	Sameer	Sameer	Sameer
51	Patil Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika	Bhavika
52	Delwin Ladeka	Ladeka	Ladeka	Ladeka	Ladeka	Ladeka	Ladeka	Ladeka	Ladeka	Ladeka	Ladeka
53	Kumar Anan	Anan	Anan	Anan	Anan	Anan	Anan	Anan	Anan	Anan	Anan
54	Hojage Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
55	Khan Heer	Heer	Heer	Heer	Heer	Heer	Heer	Heer	Heer	Heer	Heer
56	Patil Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit	Rakshit
57	Nimse Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish	Manish
58	Dipesh Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali	Bhanubhali
59	Singh Anand	Anand	Anand	Anand	Anand	Anand	Anand	Anand	Anand	Anand	Anand
60	Patil Roshan	R.Patil	R.Patil	R.Patil	R.Patil	R.Patil	R.Patil	R.Patil	R.Patil	R.Patil	R.Patil
61	Patil Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
62	Sahu Samadhan	Samadhan	Samadhan	Samadhan	Samadhan	Samadhan	Samadhan	Samadhan	Samadhan	Samadhan	Samadhan
63	Ansari MOHD SAQUB	Saqub A	Saqub A	Saqub A	Saqub A	Saqub A	Saqub A	Saqub A	Saqub A	Saqub A	Saqub A



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Vishwatmak Om Gurudev College of Engineering

Feedback Form

Program Title: *Data science*

Name of student: *Ramesh Bagal*

Date: *06/09/20*

Sr. No	**Marking Scheme	5-Excellent	4-Very Good	3-Good	2-Satisfactory	1-Poor
1	Rate the usefulness of course	5				
2	Relevancy of course content		4			
3	Subject knowledge of instructor			3		
4	Presentation skill of instructor	5				
5	Outcome of program		4			

Bagal Ramesh

Sign of Student





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Vishwatmak Om Gurudev College of Engineering

Feedback Form

Program Title: *Data Science*

Name of student: *Khrname Shradha*

Date: *06/09/20*

Sr. No	**Marking Scheme	5-Excellent	4-Very Good	3-Good	2-Satisfactory	1-Poor
1	Rate the usefulness of course	<i>5</i>				
2	Relevancy of course content		<i>4</i>			
3	Subject knowledge of instructor	<i>5</i>				
4	Presentation skill of instructor			<i>3</i>		
5	Outcome of program	<i>5</i>				

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Sign of Student





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Vishwatmak Om Gurudev College of Engineering

Feedback Form

Program Title: *Data science*

Name of student: *Yadav Nimish*

Date: *06/09/29*

Sr. No	**Marking Scheme	5-Excellent	4-Very Good	3-Good	2-Satisfactory	1-Poor
1	Rate the usefulness of course		4			
2	Relevancy of course content		4			
3	Subject knowledge of instructor		4			
4	Presentation skill of instructor		4			
5	Outcome of program		4			

Yadav

Sign of Student

