

Symbiosis Statistical Institute
Academic year 2022-2023

Career Enhancement Workshop – Getting Ready for Data Science

Date: 29th June 2022

Time: 12:00 PM to 01:00 PM

Title of the Event: Getting Ready for Data Science

Mode: Online

Resource person (Speaker): Mr. Abhijeet Gosavi

Number of Attendees:

Summary of the Workshop:

On the occasion of National Statistics Day, a seminar on Data Science and its opportunities was organized by the Training cell along with the Events committee of SSI. The invited speaker was Mr Abhijeet Gosavi, presently employed with Citi Bank as an Assistant Vice President. He is also pursuing his PhD under Dr Sharvari Shukla, Director of Symbiosis Statistical Institute. The webinar started with a brief introduction of the speaker, followed by a welcome speech from the Director.

The speaker started the Workshop by giving an overview on the history of Statistics and why statistics is essential. It was followed by an elaborate discussion on the difference between statistics and Data Science, where differences based on core concepts, what type of data are worked upon and others factors were discussed. The speaker further showcased different types of data in Data Science like Image Data, Text Data, Graphs and networks, voice data, Web crawling/Streaming Data etc.

The Workshop then moved to why Big Data is important and its advantages, major analysis and drawing conclusions. Some discussed advantages were better customer insights, high business impact, reduced cost etc. The speaker proceeded further with the talk on challenges in Big data analysis like Data management / Data security / Governance, noise in Data, and lack of talent.

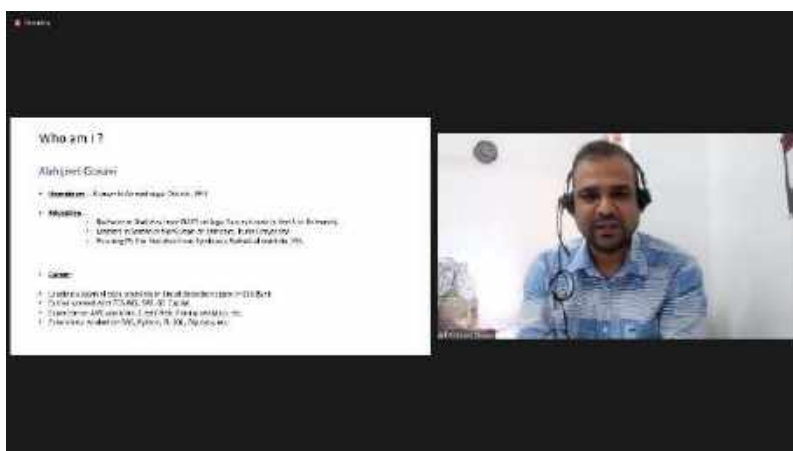
The speaker then continued with a Venn diagram showing how the statistics domain, when combined with other domains like computer science and Business, develops into Data Analysis and Machine Learning. The speaker also emphasized the importance of various software required in the industry. The speaker also discussed the importance of constant improvement of skillsets in Data Science field.

Further discussion on applications of Data Science was done where it was discussed how Data is the new oil and how the emergence of new platforms, programming languages, and the rise of Real-time analytics is so exciting.

At last, the speaker explained how some career paths require expertise and knowledge in different domains, like mathematics and statistics are essential for Research Profile, product development skills require computer science and business knowledge, and last a Data science professional needs to have expertise in computer, statistics and business domains to lead a successful career.

The Workshop concluded with a Q&A session followed by a vote of thanks by Symbiosis Statistical Institute faculty, Dr Priya Deshpande. The Workshop was instructive and valuable.

Glimpses from the Workshop:



Statistics Must Have a Purpose – P. C. Mahalanobis

The Venn diagram consists of five overlapping circles. The top-left circle is pink and labeled 'Computer Science'. The top-right circle is green and labeled 'Math & Statistics'. The bottom-left circle is blue and labeled 'Business / Domain Expertise'. The central circle, where all three overlap, is labeled 'Data Science'. The intersection of 'Computer Science' and 'Data Science' is labeled 'Machine Learning'. The intersection of 'Math & Statistics' and 'Data Science' is labeled 'Stats / Analytics'. The intersection of 'Business / Domain Expertise' and 'Data Science' is labeled 'Domain Knowledge'.

- ✓ **STATISTICS** is a discipline that is not just about numbers and formulas, it is about understanding the world around us and making sense of the data we collect.
- ✓ **Statistics** is often used to describe the data, but it is also used to make predictions and to test hypotheses.
- ✓ **Statistics** is a tool that can be used to make sense of the data, but it is not a magic wand that can solve all problems.
- ✓ **Statistics** is a discipline that is constantly evolving, and it is important to stay up-to-date with the latest developments.
- ✓ **Statistics** is a discipline that is essential for many fields, including business, medicine, and social sciences.
- ✓ **Statistics** is a discipline that is not just about numbers, it is about understanding the world around us.

What is the difference in 'Data' - Statistics Vs Data science

Statistics	Data Science
<ul style="list-style-type: none"> Statistics is a mathematical tool used to collect and interpret quantitative data. Quantitative data Structured and Organized data NOT Big data Estimating variables, response, dummy variables 	<ul style="list-style-type: none"> Data science is a multidisciplinary field that uses a variety of methods, processes, and systems to extract knowledge from data in a range of forms. Quantitative / Qualitative data Structured / Unstructured Big data Learning, Features, Labels, and Feature encoding

On the occasion of

NATIONAL STATISTICS DAY

SYMBIOSIS STATISTICAL INSTITUTE

presents an

ONLINE SEMINAR

by

Mr. Abhijeet Gosavi, Citi Bank

TOPIC: Getting Ready for Data Science



JUNE 29, 2022
12:00 - 1:00 PM



PLATFORM:
ZOOM




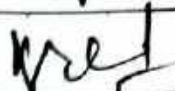
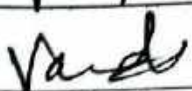
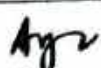
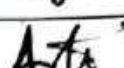
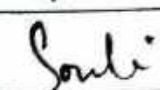
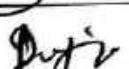
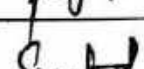
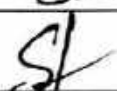




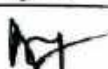
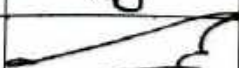




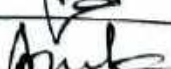
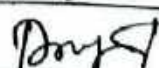
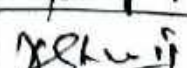


Symbiosis Statistical Institute
National Statistics Day

Date: 29th June, 2022

Attendance:

Sr.No	First Name	Last Name	Registration/ Time	Attendance (29-06-2023)
1	Anant Kumar	PANDEY	28-06-2022 18:28	Anant
2	Rutuja	Deshmukh	28-06-2022 18:33	Rutuja
3	Aboli	Bhosale - Bhalerao	28-06-2022 18:33	Aboli
4	Aishwarya	Bhosale	28-06-2022 18:39	Aishwarya
5	Suvarna	Patil	28-06-2022 18:40	Suvarna
6	Pankaj	Gurav	28-06-2022 18:43	Pankaj
7	Mohan	Bodake	28-06-2022 18:50	Mohan
8	Rahul	Waliv	28-06-2022 18:50	Rahul
9	Rushikesh	Ingavle	28-06-2022 18:56	Rushikesh
10	Netra	Patil	28-06-2022 18:56	Netra
11	Hitesh	Chauhan	28-06-2022 18:59	Hitesh
12	Aniket	Kadam	28-06-2022 19:00	Aniket
13	Dileep	Penikalapati	28-06-2022 19:01	Dileep
14	Hrutwik	Bothe	28-06-2022 19:02	Hrutwik
15	Satish	Pandit	28-06-2022 19:05	Satish
16	ALPESHKUMAR	BADDI	28-06-2022 19:08	Alpeshkumar
17	Yogendrasinh	Chudasama	28-06-2022 19:13	Yogendrasinh
18	Prakash	Chavan	28-06-2022 19:14	Prakash
19	Prin. Dr. Bhausahab	Kore	28-06-2022 19:22	Prin. Dr. Bhausahab
20	Prakash	Prajapati	28-06-2022 19:24	Prakash
21	Tanaya	Purohit	28-06-2022 19:25	Tanaya

22	Ghanshyambhai	Patel	28-06-2022 19:31	Ghanshyambhai
23	Vikas	Pawar	28-06-2022 19:43	Vikas
24	Saurabh	Parhad	28-06-2022 19:44	Saurabh
25	Sumit	Karale	28-06-2022 19:44	Sumit
26	Viraj	Kelkar	28-06-2022 19:45	Viraj
27	Ganesh	Ghughe	28-06-2022 19:49	Ganesh
28	Snehal	Sawant	28-06-2022 19:51	Snehal
29	Rutuja	Sumbe	28-06-2022 19:54	Rutuja
30	SHASHWAT	MUKHERJEE	28-06-2022 19:55	Shashwat
31	Khalid	Shaikh	28-06-2022 20:01	Khalid
32	Himanshi	Yadav	28-06-2022 20:05	Himanshi
33	Khushi	Gupta	28-06-2022 20:06	Khushi
34	Navin	Raghav	28-06-2022 20:08	Navin
35	Reeti	Chauhan	28-06-2022 20:11	Reeti
36	Joel	Dsouza	28-06-2022 20:17	Joel
37	SHANNAN	r	28-06-2022 20:29	Shannan
38	Mohini	Kulkarni	28-06-2022 20:37	Mohini
39	Amrit	Mishra	28-06-2022 20:49	Amrit
40	Khushi	Nagpure	28-06-2022 20:52	Khushi
41	Sayantani	Pal	28-06-2022 20:53	Sayantani
42	Maheb	Shaikh	28-06-2022 20:56	Maheb
43	Abhilash	Patil	28-06-2022 21:00	Abhilash
44	Gauri	Auti	28-06-2022 21:04	Gauri
45	Sarvadaman	Maske	28-06-2022 21:05	Sarvadaman
46	Tanma	Desai	28-06-2022 21:08	Tanma
47	Nitin	Pawar	28-06-2022 21:11	Nitin

48	POCO X3 Pro		28-06-2022 21:11	
49	Abhishek	Maurya	28-06-2022 21:17	
50	Sampada	Dengale	28-06-2022 21:21	
51	Dr Madanmohan	Singh	28-06-2022 21:22	
52	Nidhi	Shrivastava	28-06-2022 21:32	
53	Vandana	Christian	28-06-2022 21:34	
54	Anjena	Sreekumar	28-06-2022 21:40	
55	Arti	Chauhan	28-06-2022 21:50	
56	Sonali	Daundkar	28-06-2022 21:52	
57	Pravin	Pujari	28-06-2022 21:55	
58	Snehal	Bhandare	28-06-2022 21:55	
59	Shravani	Chougule	28-06-2022 21:57	
60	Yash	Langare	28-06-2022 21:58	
61	Zulfat	Kapadia	28-06-2022 22:00	
62	Aanchal	Karnani	28-06-2022 22:02	
63	Namrata	Katkar	28-06-2022 22:08	
64	Ayushi	Tandel	28-06-2022 22:13	
65	Ruta	Vaidya	28-06-2022 22:35	
66	Himanshu	Pawar	28-06-2022 22:40	
67	Darpan	Amritkar	28-06-2022 22:41	
68	Diptish	Arekar	28-06-2022 22:45	
69	Anukriti	Biswas	28-06-2022 22:54	
70	Pragati	Kandekar	28-06-2022 22:58	
71	Ashvini	Lagad	28-06-2022 23:02	
72	Omkar	Patil	28-06-2022 23:14	
73	Abhishek	Pauskar	28-06-2022 23:17	

74	Arya	Ayarekar	28-06-2022 23:25	<i>Arya</i>
75	Jitin	Soni	28-06-2022 23:47	<i>Jitin</i>
76	Sai	Vishe	29-06-2022 07:15	<i>Sai</i>
77	Rutika	Digraje	29-06-2022 07:31	<i>Rutika</i>
78	Hemangi	Bachhav	29-06-2022 07:43	<i>Hemangi</i>
79	Akhilesh	Chaudhari	29-06-2022 07:44	<i>Akhilesh</i>
80	Bhavna	Sakat	29-06-2022 07:48	<i>Bhavna</i>
81	Siddharth	Dey	29-06-2022 07:48	<i>Siddharth</i>
82	Rohit	Kudande	29-06-2022 07:49	<i>Rohit</i>
83	Komal	Kale	29-06-2022 07:51	<i>Komal</i>
84	Sameer	Basnal	29-06-2022 07:51	<i>Sameer</i>
85	Raviraj	Kadam	29-06-2022 07:51	<i>Raviraj</i>
86	Rahul	Bharti	29-06-2022 07:55	<i>Rahul</i>
87	Abhay	Deshpande	29-06-2022 08:07	<i>Abhay</i>
88	Vaibhav	Devkar	29-06-2022 08:11	<i>Vaibhav</i>
89	Gaurav	Jadhav	29-06-2022 08:13	<i>Gaurav</i>
90	Rutvij	Joshi	29-06-2022 08:28	<i>Rutvij</i>
91	Amirta	V	29-06-2022 08:34	<i>Amirta</i>
92	Varad	Potadar	29-06-2022 08:43	<i>Varad</i>
93	Muskan	Sayyed	29-06-2022 08:47	<i>Muskan</i>
94	Archana	Nair	29-06-2022 08:52	<i>Archana</i>
95	Chetana	Sonawane	29-06-2022 08:53	<i>Chetana</i>
96	Anjali	Parakh	29-06-2022 08:54	<i>Anjali</i>
97	Ashok	Kumar	29-06-2022 08:57	<i>Ashok</i>
98	Vibha	Gharat	29-06-2022 09:08	<i>Vibha</i>
99	Hasnain	Shaikh	29-06-2022 09:29	<i>Hasnain</i>

100	vijay	kulkarni	29-06-2022 09:30	Vijay
101	PUSHPAK	BHONDE	29-06-2022 09:38	Pusark
102	Nicky	Sharma	29-06-2022 09:38	Niky
103	Jitendra	Bhavsar	29-06-2022 09:40	Jitendra
104	Kirti	Shinde	29-06-2022 09:41	Kirti
105	Maithili	Dhole	29-06-2022 09:42	Maithily
106	Anita	Ghatnekae	29-06-2022 09:45	Anita
107	Naresh	Khandaray	29-06-2022 09:45	Nareh
108	Amit	Shrivastava	29-06-2022 09:45	Amit
109	Deepak	Sonawane	29-06-2022 09:45	Deepak
110	Lakita	K	29-06-2022 09:47	Lakita
111	Rahul	Patil	29-06-2022 09:47	Rahul
112	Sapana	Pawar	29-06-2022 09:48	Sapana
113	nishigandha	Iad	29-06-2022 09:49	nishin
114	KALPESH	NIKUMBH	29-06-2022 09:54	Kalamb
115	Monika	Thorat	29-06-2022 09:55	Monika
116	Darshan	Chaudhari	29-06-2022 09:57	Darshan
117	Sonaj	Pawar	29-06-2022 09:58	Sonaj
118	Vijay	nikam	29-06-2022 09:58	Vijay
119	Poonam	Wagh	29-06-2022 10:02	Poonam
120	Mahima	Vaidya	29-06-2022 10:03	Mahima
121	Aishwarya	trivedi	29-06-2022 10:03	Aishwarya
122	Ashwini	Ghumare	29-06-2022 10:05	Ashwini
123	Pratiksha		29-06-2022 10:08	Pratiksha
124	Durgesh	Kinnerkar	29-06-2022 10:10	Durgesh
125	Shruti	Deshmukh	29-06-2022 10:12	Shruti

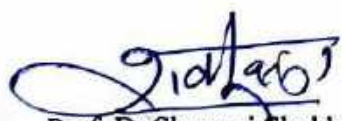
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127	Bhagyashri	Takbhate	29-06-2022 10:18	<i>Bhagyashri</i>
128	Priyanka	Jali	29-06-2022 10:19	<i>Priyanka</i>
129	Praise	Mathew	29-06-2022 10:23	<i>Praise</i>
130	Ravi	Shankar	29-06-2022 10:27	<i>Ravi</i>
131	Barnali	Das	29-06-2022 10:31	<i>Barnali</i>
132	PRIYA	DESHPANDE	29-06-2022 10:31	<i>Priya</i>
133	Pradip	Borle	29-06-2022 10:33	<i>Pradip</i>
134	Hiteshi	Oza	29-06-2022 10:38	<i>Hiteshi</i>
135	Ganesh	Adake	29-06-2022 10:47	<i>Ganesh</i>
136	Rutuja	Kapse	29-06-2022 10:48	<i>Rutuja</i>
137	gayu		29-06-2022 10:48	<i>Gayu</i>
138	Shilpa	Mujumdar	29-06-2022 10:48	<i>Shilpa</i>
139	Gaurav	Kulkarni	29-06-2022 10:50	<i>Gaurav</i>
140	Bhakti pankaj	ghodkar	29-06-2022 10:52	<i>Pankaj</i>
141	Rajashree Dinesh	Naik	29-06-2022 10:52	<i>Dinesh</i>
142	Sumeet	Gaikwad	29-06-2022 10:53	<i>Sumeet</i>
143	Sagar	Mokal	29-06-2022 10:54	<i>Sagar</i>
144	Rahul	Mourya	29-06-2022 10:57	<i>Rahul</i>
145	Devshree	Joshi	29-06-2022 11:00	<i>Shree</i>
146	Sandeep	Gaikwad	29-06-2022 11:00	<i>Sandeep</i>
147	Hema	Gaikwad	29-06-2022 11:01	<i>Hema</i>
148	Pragya	Pandey	29-06-2022 11:04	<i>Pragya</i>
149	Vaishnavi	Tope	29-06-2022 11:05	<i>Vaishnavi</i>
150	Riya	Salve	29-06-2022 11:06	<i>Riya</i>
151	Gururaj	Awale	29-06-2022 11:08	<i>Gururaj</i>

152	Abhishek	Singh	29-06-2022 11:12	Abhishek
153	Neha	Mumbaikar	29-06-2022 11:13	Neha
154	DEVIKA	VAIDYA	29-06-2022 11:15	Vidya
155	Arti	Bhagat	29-06-2022 11:21	Arti
156	Sandip Kumar	Sah	29-06-2022 11:22	Sandip
157	Sanket	Patil	29-06-2022 11:22	Sanket
158	Gauri	Jagtap	29-06-2022 11:24	Gauri
159	Raj	Bhalodia	29-06-2022 11:27	Raj
160	Vidhi	Ubale	29-06-2022 11:27	Vidhi
161	Shrutika	Pethakar	29-06-2022 11:28	Shrutika
162	Redmi Note 9		29-06-2022 11:31	
163	Someshwar	Borkar	29-06-2022 11:32	Someshwar
164	Stuti	Jhunjhunwala	29-06-2022 11:34	Stuti
165	Padmapriya	R	29-06-2022 11:34	Padmapriya
166	Vidya	Mallick	29-06-2022 11:38	Vidya
167	Priya	Saputre	29-06-2022 11:39	Priya
168	Krushnai	Khairnar	29-06-2022 11:42	Krushnai
169	Purnima	Agrawal	29-06-2022 11:42	Purnima
170	Yogesh	Ghodake	29-06-2022 11:42	Yogesh
171	Yukta	Dhankhar	29-06-2022 11:43	Yukta
172	Pragya	.	29-06-2022 11:45	Pragya
173	Bindu Shivani	J	29-06-2022 11:47	Bindu
174	Sharvari	Shukla	29-06-2022 11:48	Sharvari
175	Sayali	Bora	29-06-2022 11:48	Sayali
176	Bindu Shivani J		29-06-2022 11:49	Bindu
177	Mohini	Chatur	29-06-2022 11:49	Mohini

178	Rutuja	Vartak	29-06-2022 11:49	Rutuja
179	Vamsikrishna	A	29-06-2022 11:50	Krishna
180	Tanay	Singh	29-06-2022 11:50	Tanay
181	Nishant	Talashilkar	29-06-2022 11:51	Nishant
182	Prasad	Dumbare	29-06-2022 11:52	Prasad
183	Rita	Shukla	29-06-2022 11:52	Rita
184	Arnav	Nalkande	29-06-2022 11:52	Arnav
185	Aparna	Biswas	29-06-2022 11:53	Aparna
186	Dr. Swati	Sayankar	29-06-2022 11:54	Swati
187	Nikita	Shinde	29-06-2022 11:54	Nikita
188	Anushree	Saha	29-06-2022 11:54	Anushree
189	Sarvesh	Sawant	29-06-2022 11:55	Sarvesh
190	Ishita	Deodhar	29-06-2022 11:56	Ishita
191	Abhishek	Saraswat	29-06-2022 11:56	Abhishek
192	Manjula	Soni	29-06-2022 11:57	Manjula
193	Abhijeet	Gosavi	29-06-2022 11:57	Abhijeet
194	RAUNAK	GUHA	29-06-2022 11:58	RAUNAK
195	SNEHA	M	29-06-2022 11:58	SNEHA
196	Atharva	Waghmare	29-06-2022 11:59	Atharva
197	Amrit	Raj	29-06-2022 12:00	Amrit
198	Hanna	Koshy	29-06-2022 12:00	Hanna
199	Pooja	Singh	29-06-2022 12:00	Pooja
200	Abhijeet Gosavi		29-06-2022 12:01	Abhijeet Gosavi
201	Rehan	Khan	29-06-2022 12:01	Rehan
202	Durgesh	Tiwari	29-06-2022 12:01	Durgesh
203	karnali	naik	29-06-2022 12:01	karnali

204	Aashita	Sachdev	29-06-2022 12:01	Aashita
205	Tanuja	Patil	29-06-2022 12:01	Tanuja
206	Sanika	M	29-06-2022 12:02	Sanika
207	Ajay Gajanan	PHATAK	29-06-2022 12:02	Ajay
208	Bhaveshya	Dudeja	29-06-2022 12:02	Bh
209	Anagha	Menon	29-06-2022 12:03	Ana
210	Sujata	Pawale	29-06-2022 12:03	Sujata
211	Vaidehi	Rane	29-06-2022 12:03	Vaidehi
212	Ajay	PHATAK	29-06-2022 12:03	Ajay
213	Pooja	Nawadkar	29-06-2022 12:04	Pooja
214	Nistha		29-06-2022 12:05	Nistha
215	Riza	Bagwan	29-06-2022 12:06	Riza
216	21060641042		29-06-2022 12:06	hans
217	Jayshri	Mali	29-06-2022 12:06	Jayshri
218	Anagha Menon		29-06-2022 12:07	Anagha
219	Girish	Deshpande	29-06-2022 12:09	Girish
220	Sandip Sah		29-06-2022 12:10	Sah
221	Risha	Rodrigues	29-06-2022 12:11	Risha
222	Shashikant	Jadhav	29-06-2022 12:12	Shashikant
223	Rajkumar	Londhe	29-06-2022 12:15	Rajkumar
224	Tejashree	Desai	29-06-2022 12:18	Tejashree
225	Vidushi	Singh	29-06-2022 12:19	Vidushi
226	Pooja	Battal	29-06-2022 12:19	Pooja
227	Havisha	Agarwal	29-06-2022 12:21	Havisha
228	Pratiksha	Patil	29-06-2022 12:22	Pratiksha
229	Karuna	Randhir	29-06-2022 12:27	Karuna

230	Raj	More	29-06-2022 12:30	Pratiksha
231	Pratiksha	Londhe	29-06-2022 12:31	Pratiksha
232	Rahul	Shinde	29-06-2022 12:33	Rahul S
233	Girish	Nair	29-06-2022 12:39	Girish
234	Krish	Gupta	29-06-2022 12:41	Krish
235	Gayatri	Wagh	29-06-2022 12:41	Gayatri
236	Dr Jayant	DUBEY	29-06-2022 12:58	Dr Jayant
237	Amruta	Nimbalkar	29-06-2022 13:03	Amruta
238	Pravin	Nanaware	29-06-2022 13:04	Pravin
239	Madhuri	Modhale	29-06-2022 13:05	Madhuri
240	Suresh	Pathare	29-06-2022 13:12	S. Pathare
241	Mahadeo	Gaikwad	29-06-2022 13:18	Mahadeo


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