



Department of Data Science
St. Joseph's College (Autonomous)
Accredited at A++ Grade (4th Cycle) by NAAC,
Special Heritage Status awarded by UGC
Tiruchirappalli – 620 002, India.



DATASCIENCE ASSOCIATION

Department of Data Science

ST.JOSEPH'S COLLEGE (AUTONOMOUS)

ACCREDITED AT A++ BY NAAC (CYCLE IV)

COLLEGE WITH SPECIAL HERITAGE STATUS

COLLEGE WITH POTENTIAL FOR EXCELLENCE

TRICHY, TAMIL NADU

VALUE ADDED COURSE ON " CASE STUDY ANALYSIS"

PROGRAMME COORDINATOR

Dr. M. Kriushanth

Assistant Professor

Department of Data Science

St. Joseph's College (Autonomous)

Trichy



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Report on” Value-Added Courses for the academic year 2022-2023”

DATE FROM:	02/08/2022	To:	09/11/2022		
Name of the Course and Coordinator	Case Study Analysis			Dr. M. Kriushanth	
No. of Students Enrolled	59				
Mode (Online/Offline/ Blended)	Offline				
Course Code	21PDS4VAC8	Duration of the Course (in hrs)	60	No. of Times offered during the Same Year	1



Report on Value Added Programme

Case Study Analysis

Course Code: 21PDS2VAC3

Academic Year: 2022-2023

Course in-charge: Dr. M. Kriushanth

Semester: IV

Objective:

- To enable students to Apply the fundamental concepts of all data analytics.

Report:

- The Department of Data Science for the academic year (2022–2023) organized a “Value-Added Programme” Case Study Analysis” for the II PG students.
- The course started by 02nd August 2022 and ended on 09th November 2022
- Total of 59 students enrolled and completed the “Case Study Analysis” Course handled by: Dr. M. Kriushanth ,Assistant Professor , Department of Data Science, St. Joseph’s College (Autonomous), Tiruchirappalli
- The flow of the course mainly concentrates on amplifying the abilities of the students in concern with Summarizing the clinical trials and diagnostics.
- The course aims to create a greater understanding the recommendation system in Retail and Entertainment industry.It focused on the tips and strategies to be followed to bring out the creativity of the students .

Signature of the Head

HOD
Department of Data Science
St. Joseph's College (Autonomous)
Trichy - 620 002.



21PDS4VAC7

**Case Study
Analysis**

Course Outcomes

On successful completion of this course, the students will be able to

1. Recall the concepts of Data Analytics.
2. Define the dataset to create the evaluate model.
3. Summarize the clinical trials and diagnostics.
4. Interpret to enhance the banking experience.
5. Examine the recommendation system in Retail and Entertainment industry.
6. Apply the fundamental concepts of all data analytics for crop recommendation.

Unit – I

12 Hours

Healthcare and Pharma: Clinical Trials – Diagnostics - Drug Development – Optimal staffing.

Unit – II

12 Hours

Banking, Finance and Insurance: Increase revenues - Enhance the banking experience - Customer Base Segmentation – Monitoring Customer Feedback – Fraud Detection.

Unit – III

12 Hours

Retails and Ecommerce: Recommendation System – Retail Price Optimization – Fraud Detection.

Unit – IV

12 Hours

Entertainment, Social Media, Travel and Hospitality: Personalized Recommendation System - CNN's for Classification of Songs and Audio Tracks - CNN's to Detect Inappropriate Content - Natural Language Processing for Review Analysis - Customer personality analysis - Predictive Analytics.

Unit – V

12 Hours

Agriculture and Supply Chain Management: Soil analysis - Crop recommendation – Forecasting Demands – Packages and Delivery.



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PHOTOGRAPHS



CERTIFICATES:



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Tiruchirappalli - 620002,
Tamil Nadu, India.



CERTIFICATION OF PARTICIPATION

THIS IS TO CERTIFY THAT

MICHAEL JONE S

Participated in the value added course " CASE STUDY ANALYSIS "
during the period from 02/08/2022 to 09/11/2022 conducted by the
Department of Data Science, St. Joseph's College (Autonomous),
Tiruchirappalli - 620002.

DR. M. KRIUSHANTH
Programme Coordinator



DR. L. AROCKIAM
Head of the Department



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MEDONA JUGI P

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Tiruchirappalli - 620002.

DR. M. KRIUSHANTH
Programme Coordinator



DR. L. AROCKIAM
Head of the Department



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ATTENDANCE SHEET

I M. Sc. Data Science (2022-24) Batch

S.NO	D. NO.	NAME	SIGNATURE
1	22PDS801	DEEPAN P	
2	22PDS802	CHARULATHA D	
3	22PDS803	NISHIN JERRY X I	
4	22PDS804	NIRMAL JOEL X I	
5	22PDS805	HARIVIGNESH S	
6	22PDS806	MADHAVAN S A	
7	22PDS807	HATLIN JOHEIT J A	
8	22PDS808	EDWIN PRAKASH J	
9	22PDS809	SUJITH NAMASIVAYAM P	
10	22PDS810	AARTHI S	
11	22PDS811	KANIMOZHI A	
12	22PDS812	NIXON L	



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13	22PDS813	LEANDER PIOUS X	<i>Leander Pious X</i>
14	22PDS814	JESTIN.S	<i>J. Justin S.</i>
15	22PDS815	BIHUVANA N	<i>Bihuvana N</i>
16	22PDS816	ARUN PRASATH	<i>Arun Prasath</i>
17	22PDS817	SARA ROVENA S	<i>S. Sara Roven S.</i>
18	22PDS818	AGNES SALOMI TANIA P	<i>Agnes Salomi Tania P</i>
19	22PDS819	DIVINE REGAN A	<i>D. Divine Regan A</i>
20	22PDS820	ANCELIN GENO A	<i>Ancelin Geno A</i>
21	22PDS821	MICHEAL ANTONY A	<i>A. Micheal Antony</i>
22	22PDS822	CINCIYA THOMAS MELATHIL	<i>C. Cinciya Thomas Melathil</i>
23	22PDS824	JACKSHINIS	<i>Jackshinis</i>
24	22PDS825	JOE AROWIN A	<i>Joe Arowin A</i>
25	22PDS826	DEVADHARSHINI R	<i>Devadharshini R</i>
26	22PDS827	DOUGLAS JAMES P	<i>Douglas James P</i>
27	22PDS828	MARTIN PRABHU S	<i>M. Martin Prabhu S</i>
28	22PDS829	MERWIN RAGUL I	<i>M. Merwin Ragul I</i>
29	22PDS830	JANANIMEENA R	<i>J. Jananimeena R</i>
30	22PDS831	SHIVASHANKARI E	<i>Shivashankari E</i>
31	22PDS832	JASMINE A B	<i>Jasmine A B</i>
32	22PDS833	SIVAPRIYA K	<i>Sivapriya K</i>
33	22PDS834	JOSEPH T J	<i>Joseph T J</i>
34	22PDS835	INFANT JEYABAL A	<i>A. Infant Jeyabal A</i>
35	22PDS837	DHANASEKAR D	<i>Dhanasekar D</i>
36	22PDS838	STEPHEN RAJ S	<i>S. Stephen Raj S</i>
37	22PDS839	M.LEENA	<i>M. Leena</i>
38	22PDS840	ANUBHARATHI P	<i>P. Anubharathi</i>
39	22PDS841	ESTHER JENIFER P	<i>P. Esther Jenifer</i>
40	22PDS842	SUMAIYA SULTAN	<i>S. Sumaiya Sultan</i>
41	22PDS843	ESWAR E	<i>E. Eswar</i>
42	22PDS844	MUGISHA CIELLA DANILLA	<i>M. Mugisha Ciella Danilla</i>



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43	22PDS845	NANDINI K	K. K. Revathi
44	22PDS846	PRASANTH R	R. R.
45	22PDS847	UDHAYA P	P. Udhaya
46	22PDS849	PADMAVATHI S	S. Padma
47	22PDS850	NIRANJANA	A. K. f.
48	22PDS851	AHAASRAJ RR	A. R.
49	22PDS852	GOBINATH T	T. G.
50	22PDS853	KULARANJITH K	K. K.
51	22PDS854	RAMANAN P	P. R.
52	22PDS857	PRAVEEN KUMAR P	P. P.
53	22PDS858	PILAVENDRAN A	A. P.
54	22PDS859	AMALORPAVA BELCIYA S	S. A.
55	22PDS860	JOE NICKSON V	V. J.
56	22PDS862	LILLY J S	S. L.
57	22PDS863	INFANT JEGAN FERNANDO H	H. J.
58	22PDS864	HARIHARAN R	R. H.
59	22PDS865	RITHICK T	T. R.