TECNIA INSTITUTE OF ADVANCED STUDIES
GRADE "A" INSTITUTE
Approved by AICTE, Ministry of Education. Govt. of India, Affiliated to GGSIP University
Recognized Under Sec. 2(f) of UGC Act 1956
INSTITUTIONAL AREA MADHUBAN CHOWK, ROHINI, DELHI 110085
Tel:91-11-27555121-24, E-Mail : directortias@tecnia.in, Website: www.tiaspg.tecnia.in

EGAC
Accredited 21001:2018 ISO 51001:2018

TIAS/ACI/2022-23/37   Date:27/05/2023

Academic Session: 2022-23

This is to certify that the course module for the Certificate Course in Introduction to Data Driven scheduled from 10/04/2023 to 20/05/2023, comprising of 30 Hours, running in 2 batches deliverance has been completed by the resource person Ms. Arnima, with the module contents as under:-

S.No.	Contents Deliverance	Learning Outcomes
1	Introduction (1 Hr)	Understand the concept of data-driven decision making and its importance in various domains.
2	SciPy Stack (4 Hr)	Identify different types of data and understand the characteristics and properties of data.
3	Statistical Methods for Decision Making (3 Hr)	Acquire, clean, and preprocess data to ensure its quality and suitability for analysis.
4	Exploratory data analysis (2 Hr)	Perform exploratory data analysis to uncover patterns, trends, and relationships in the data using descriptive statistics and visualization techniques.
5	Data Preprocessing (2 Hr)	Apply basic statistical concepts and techniques to analyze data and draw meaningful insights and conclusions.
6	Feature Selection (3 Hr)	Understand the fundamentals of data visualization and effectively communicate data insights through charts, graphs, and other visual representations.
7	Predictive Modelling (3 Hr)	Develop skills in data interpretation and critical thinking to make informed decisions based on data analysis.
8	Machine Learning Algorithm (4 Hr)	Familiarize themselves with common data analysis tools and software, such as Microsoft Excel, Python, or R.
9	Time Series Forcasting (2 Hr)	Understand the ethical considerations and best practices in handling and analyzing data, including data privacy, security, and responsible data usage.
10	Data Mining (3 Hr)	Apply basic predictive modeling techniques to make predictions and forecasts based on historical data.
11	Natural Language Process (3 Hr)	Develop a foundational understanding of machine learning and its applications in data-driven decision making.

All the above contents are delivered to the best of my knowledge and belief and nothing is withheld.
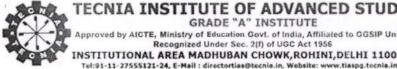
Signature
Name of Faculty: Ms. Arnima

Submitted to HoD- Department of Information Communication and Technology, TIAS

HoD
BCA-TIAS

Coordinator
Internal Quality Assessment Cell (IQAC)
Tecnia Institute of Advanced Studies
New Delhi-110085

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ISO

Student's Declaration   Batch·1

We would like to declare all the course modules for Value Added Course for the Certificate in Introduction to Data Driven scheduled from 10.04.2023 to 20.05.2023 comprising of 30 hours by the resource person Ms. Arnima , Faculty in Department of ICT to our satisfaction and is able to help in developing our domain knowledge and capacity building.

S. No.	Enrolment No.	Student's Name	Signature
1	03317002021	Sahil Mourya	Sahil
2	03417002021	Ashwin Singh Rawat	
3	03817002021	Maneesh Vijay Yaban	Mus
4	04617002021	VIVEK CHAUHAN	
5	05017002021	Tanisha Arora	Tanisha
6	03517002021	Ritik Tanwar	
7	03617002021	SURAJ BALODI	Suraj
8	03717002021	Prayati Luthra	
9	05217002021	Vanshika Negi	
10	06317006174	Rishab Jindal	Rishabd
11	00817002421	Vanshej Sharma	Vansh
12	00417002421	Gayatri Pradhan	Gayatri
13	00517008721	Dhruv Jain	Dhruv.
14	05317002021	Ansh Gupta	Ansh
15	04417002021	Vipul Saraswat	Vipul
16	04117002021	Shivak Gosain	Shivak
17	03917002021	Jayesh Lakra	Jayesh.

HoD
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Student's Declaration   Batch-2

We would like to declare all the course modules for Value Added Course for the Certificate in Introduction to Data Driven scheduled from 10.04.2023 to 20.05.2023 comprising of 30 hours by the resource person Ms. Arnima , Faculty in Department of ICT to our satisfaction and is able to help in developing our domain knowledge and capacity building.

S. No.	Enrolment No.	Student's Name	Signature
1.	03021302021	Mitish Singhal	
2.	03121302021	Rishabh Singh Solanki	
3.	03421302021	Siddant Guloti	
4.	04221302021	Keshav Garg	
5.	00217002021	Himaushi Sharma	
6.	35517002021	Ayush Rai	
7.	04421302021	Shivansh Rawat	
8.	03821302021	Ansh Singh	
9.	04121302021	Naman Bhagat	
10.	04721302021	Aman Jha	
11.	35217002021	Parth Kamra	
12.	35217002021	Muskan Gupta	
13.	35417002021	Mehak Goel	
14.	00917002417	Arsh Wahi	
15.	01017002421	Aakriti Sethi	
16.	00117001721	Mayank	
17	04621302021	Aryan Jain	

HoD
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