

Faculty Development Programme On AI

January 3rd to January 8th 2024

Trustworthy AI

HPC & AI

NLP

Neuro Symbolic AI

AI & US

Explainable AI

MLOps

Organized By

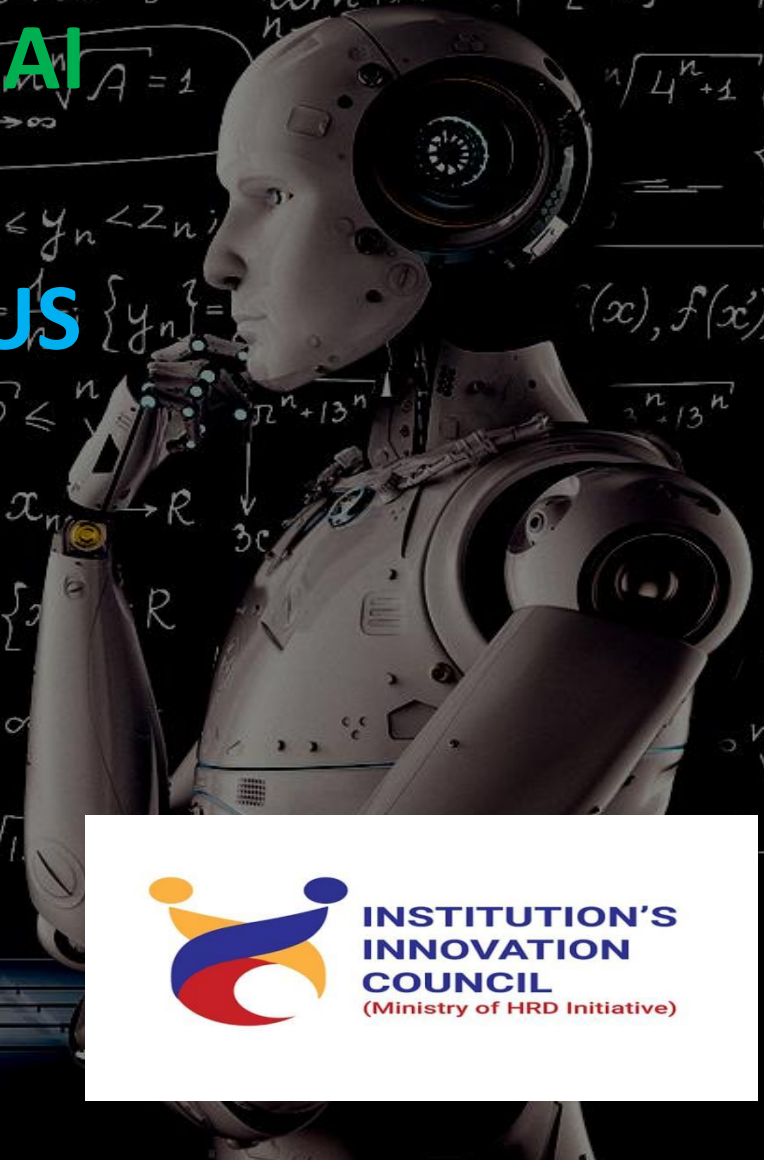



TECHNO INTERNATIONAL
BATANAGAR

Apollonius
An AI Think Tank Company



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)





**Hybrid
Mode**

**5 Days Faculty Development Programme
On
Artificial Intelligence**



**No
Registration
Fees**

Organized By
Techno International Batanagar

In Association With

Apollonius Computational Business Solutions OPC Pvt. Ltd
(An AI Think Tank Company)

www.apollonius.in/events

Join The Most Influential Speakers On AI



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INSTITUTION'S
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(Ministry of HRD Initiative)

2nd

International Faculty Development Programme On Artificial Intelligence

Join The Distinguished Speakers From

tcs
Research



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योगः कर्मसु कोशलम्



IBM



Universiteit
Leiden



Jan 3rd to 8th 2024 In Hybrid Mode

Join The Think Tanks of AI for an Immersive Learning & Research Discussions



About Techno International Batanagar

www.tib.edu.in

Techno International Batanagar is an Institute under the vision of Techno India Group, One of the largest knowledge management groups in the eastern part of the country having 4 Universities, 20 Engineering Colleges & 10 B-Schools, 15 Schools, Hospital, Press and many more.

Established in the year 2012, the Institute has already made its presence felt by its vibrant campus in the Maheshtala – Taratala region of The City of joy- The Industrial Hub of the City. The Institute is approved by All India Council of Technical Education (AICTE) and affiliated to Maulana Abdul Kalam Azad University of Technology, West Bengal (MAKAUT), formerly known as WBUT. The institute runs B.Tech curriculum in five branches of engineering , viz.

1. Computer Science & Engineering. 2. Electrical Engineering 3. Electronics & Communication Engineering 4. Mechanical Engineering 5. Civil Engineering 6. CSE (AI&ML) 7. CSE (DATA SCIENCE)

The institute was developed with a vision to build it as a Centre of Excellence for technical education. The Institute has been giving maximum stress on modern teaching methodologies, Faculty development, promotion of research activities so that the students graduating from the institute are industry-ready professionals with leadership values and high degree of professional skills.

Moreover TIB as a family had taken the initiative to bridge the gap between academic and non-academic ambit by introducing a number of co-curricular and extra –curricular activities in the college

in the form of number of committees linked with the academic sphere.

Advisory Committee Members :

- **Prof. (DR.) Ratikanta Sahoo (Director)**
- **Dr. Ashoke Kumar Naskar (Principal)**
- **Dr. Nirmalya Sankar Das (Academic Coordinator)**

Committee Members :

- **Mr. Subhankar Guha (HOD, Dept Of CSE)**
- **Mr. Kazi Sayeed Tanbir (HOD, Dept Of ME)**
- **Dr. Aritra Mondal (HOD, Dept Of CE)**
- **Dr. Suman Laha (HOD, Dept Of ECE)**
- **Dr. Debabrata Roy (Academic Convenor & VP, IIC Cell)**

Apollonius

An AI Think Tank Company

About Apollonius



We are an AI Research & Training Institute based at Kolkata, India providing futuristic Trunkey based Research, Consultancy & Training Services

DOMAIN EXPERTISE

Data Science
Machine Learning
Artificial Intelligence
Optimization Engineering
Deep Learning



Visit : www.apollonius.in for the Details

**Programme Coordinators On Behalf of Techno International
Batanagar**

- **Dr. Debabrata Roy, Academic Convenor & Vice President, IIC Cell
Techno International Batanagar
E-Mail : debabrata.roy@tib.edu.in
Mobile : 9432586471**

Programme Coordinators On Behalf of Apollonius

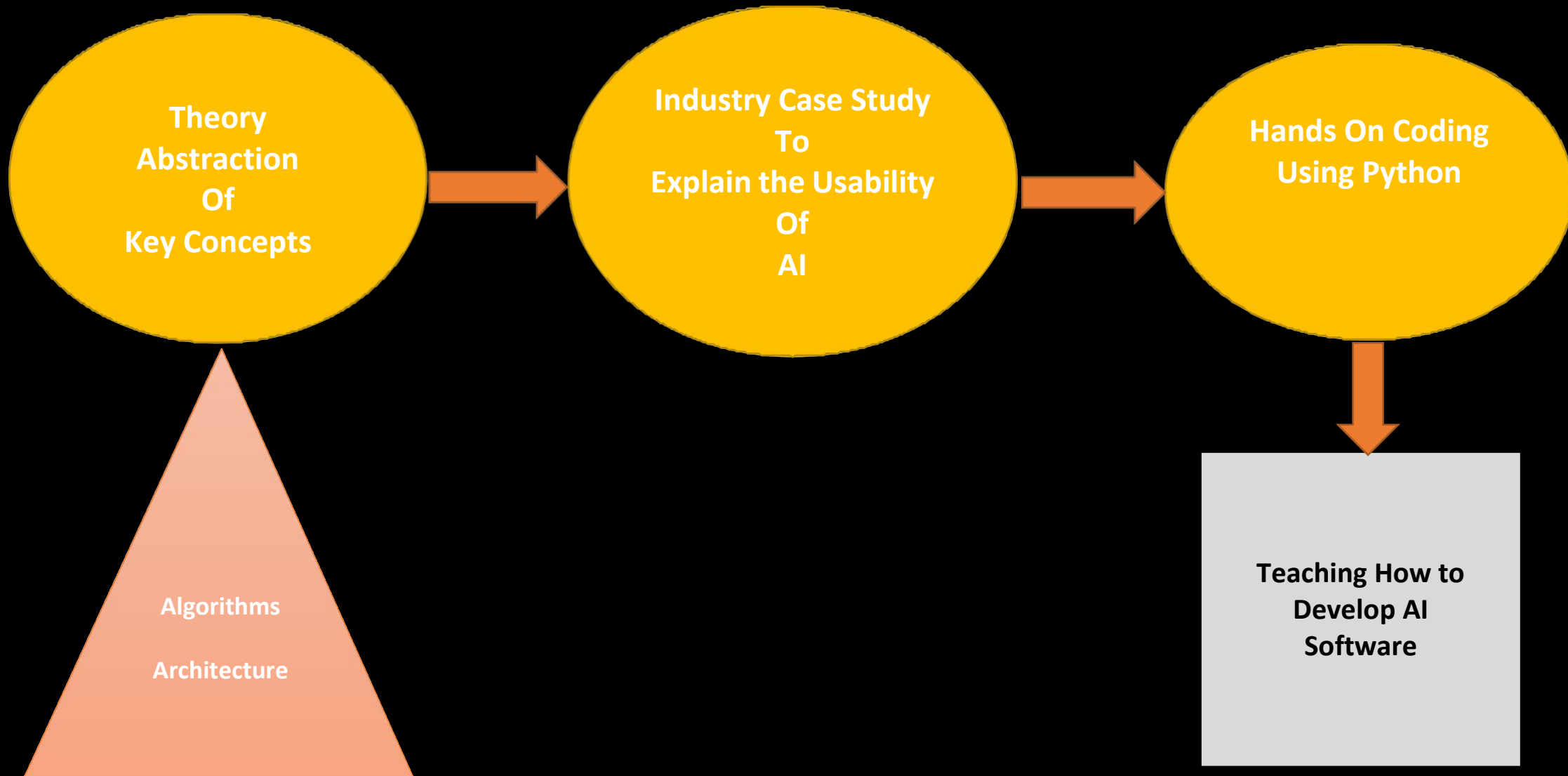
- **Souva Majumder, Director & Co-Founder of Apollonius
E-Mail : souva.majumder@apollonius.in
Mobile : 6289859719**

Key Topics Of The Faculty Development Programme :

- **Analytics**
- **Data Visualization**
- **Natural Language Processing**
- **MLOps**
- **Explainable AI**
- **High Performance Computing**
- **Generative AI**
- **Neuro Symbolic AI**



Unique Teaching Approach



About the Programme

According to a World Economic Forum's report, AI-enabled automation will generate 133 million new jobs globally by 2025. And in India itself, the demand for Data Scientists talent pool is expected to skyrocket with the government's steps towards digitization, and multiple organizations accelerating their digital transformation initiatives.

Are you ready to ride the wave?

The FDP Programme by Techno International Batanagar & Apollonius will prepare the academic faculties with the skills to teach intelligent systems to their students, which is a key component in numerous real-world applications. During the past couple of years, AI has emerged as one of the most high-growth, dynamic, and lucrative careers in technology & business domain. This Programme aims at providing not only the core technologies such as artificial intelligence, deep learning, NLP & Computer Vision but also gives intensive inputs in areas of Industry 4.0 and Governed AI. By this course, the faculties will gain cross-disciplinary skills across fields such as deep learning, Trustworthy AI, smart transportation & Industry 4.0.

What Makes This Programme Unique ?

Emphasis On :

Analytics

**Trustworthy
AI**

**Generative
AI**

MLOps

Explainable AI

**NeuroSymbolic
AI**

Key Takeaways of the Programme

**International
Speakers**

**Speaker
From
Industry**

**Trustworthy
AI**

**Governed
MLOps**

**Analytics
Work Shop**

Expert Speaker Of the Programme

Inaugural Session On 3rd January 2024 (11 AM IST)



**SCHEDULE FOR 5 DAYS FDP ON ARTIFICIAL INTELLIGENCE
ORGANIZED BY
TECHNO INTERNATIONAL BATANAGAR
IN ASSOCIATION WITH
APOLLONIUS COMPUTATIONAL BUSINESS SOLUTIONS OPC PVT. LTD
(An AI Think Tank Company)**

SL. NO	DATE	TIME	SESSION	TOPIC	DURATION	FACULTY
	03.01.2024	11 AM 11.30 AM	INAGUARAL SESSION		30 MINS	
1.	03.01.2024	11.30PM - 1.30PM	1 st CLASSROOM	Governed MLOps Framework for AI/ML Model in Productionization	1.5 HOURS	Souva Majumder Director, Apollonius Consultant of MLOps & LLMOps
2.	03.01.2024	2.30 AM - 4.30 PM	2 nd CLASSROOM	NLP	2 HOURS	Dr. Tirthankar Dasgupta TCS research Lab Dr. Manjira Sinha TCS Research Lab
3.	04.01.2024	11AM- 12.30PM	1 ST ONLINE	Dependable & Secure AI	1.5 HOURS	Dr. Ayantika Chatterjee Professor, IIT Kharagpur

4.	04.01.2024	2PM - 4PM	2 ND CLASSROOM	INTRODUCTION TO DATA VISUALIZATION USING POWER BI	2 HOURS	Anushree Bhattacharjee Executive Director, Apollonius
5.	05.01.2024	11 AM - 12.30 PM	1 ST ONLINE	HPC & AI	1.5 HOURS	Dr. Manish Modani NVIDIA India
6.	05.01.2024	2PM-3.30PM	2 ND ONLINE	AI for Mechanical Engineering	1.5 HOURS	Mr. Anirban Dutta Joint Hon. Sec, IEl
7.	06.01.2024	11AM-12.30 PM	1 ST ONLINE	AI & US	1.5 HOUR	Prof. Arnab K Laha IIM Ahmedabad
8.	06.01.2024	2 PM - 3.30 PM	2 ND CLASSROOM	Navigating generative AI's impact: Applications, LLMOps & Risk Governance in industries	1.5 HOURS	Nijesh Kanjinghat Lead AI Engineer, IBM Singapore
9.	08.01.2024	11AM - 12.30 PM	1 ST ONLINE	Demystifying Black-Box Machine Learning & Deep Learning Models Using Explainable AI	1.5 HOURS	Dr. Aditya Bhattacharya Scientist, KU Keuven
10.	08.01.2024	2PM - 3.30 PM	2 ND ONLINE	Sight Beyond Pixel: Navigating the future of AI In Computer Vision Trends & Research	1.5 HOURS	Dr. Praveen Kumar Pokale Sr. Data Science Manager (AI CoE, JPL)
11.	08.01.2024	3.30PM-5 PM	3 RD ONLINE	Algorithmic fairness In Link Prediction on Complex Network	1.5 HOURS	Dr. Akрати Saxena Assistant Professor Leiden University

Expert Speakers From Apollonius



Souva Majumder (Director & Founder) Alumnus of IIT Kharagpur

Souva Majumder , Director & Founder of Apollonius Computational Business Solutions OPC Pvt. Ltd, The Creator of First VoiceBot In Bengali. He is an Alumnus from the IIT, Kharagpur with a specializing in Optimization Engineering & Artificial Intelligence

He has a deep understanding of Cloud Computing, Machine Learning, Big Data Technologies, Natural Language Processing, Computer Vision & Deep Learning.

He is also an expert of Industrial Safety Engineering. He has 9 years of experience as Consultant & Expert of Integrating AI Stacks and Enterprise graded Solutions across different Industry problems

Anushree Bhattacharjee (Executive Director)

Anushree, Gold Medalist in Statistics & M.Tech In AI, Recipient of DST INSPIRE Fellowship . Expert In Analytics & AI. She is the Co-Founder of Apollonius



Programme Highlights

High Level Expert Talks On
Generative AI

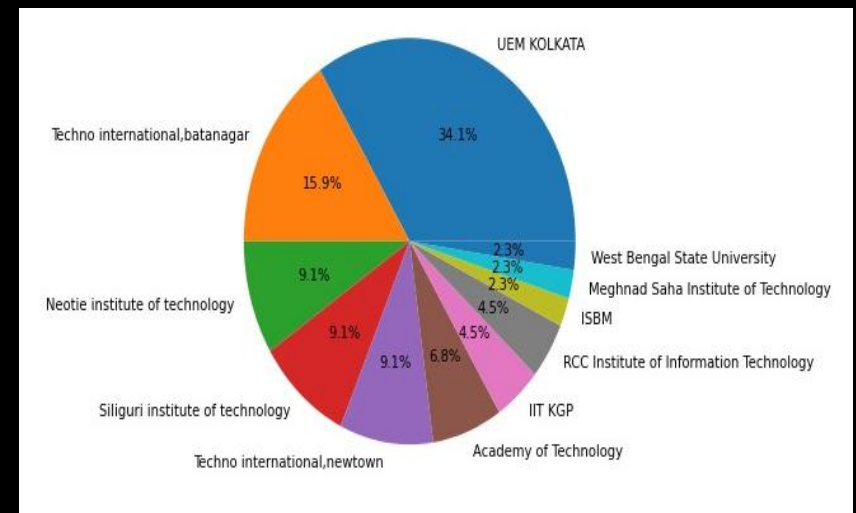
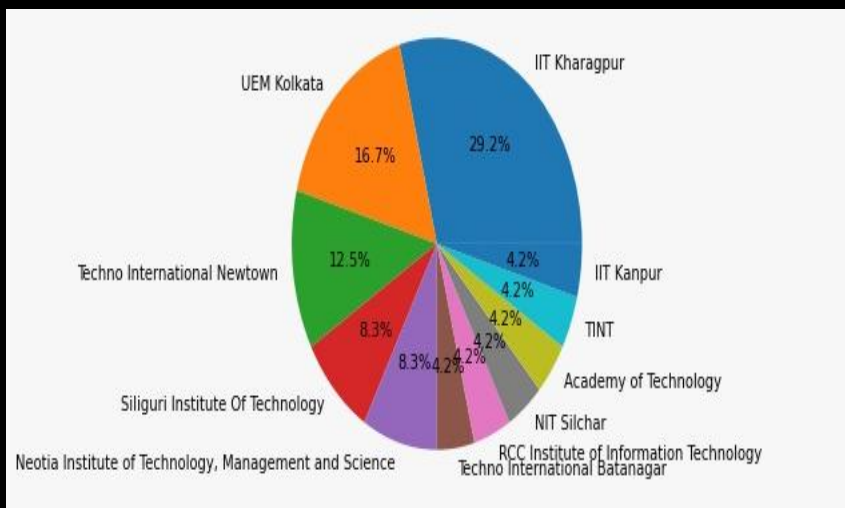
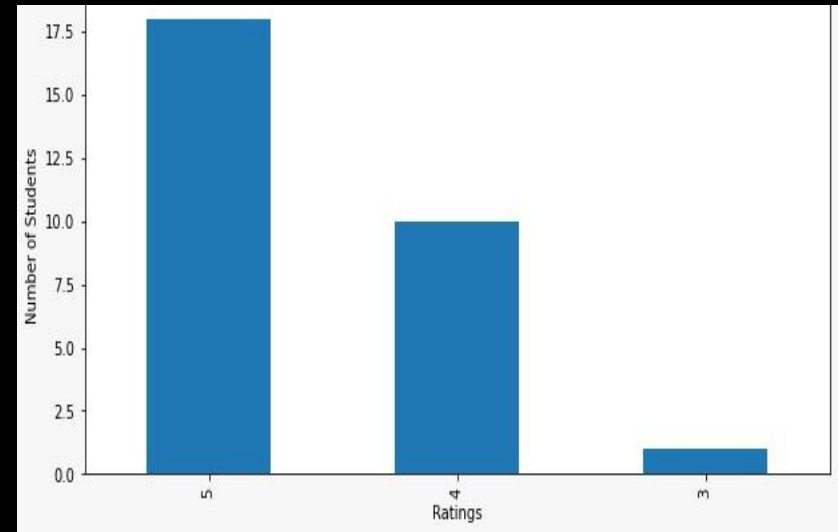
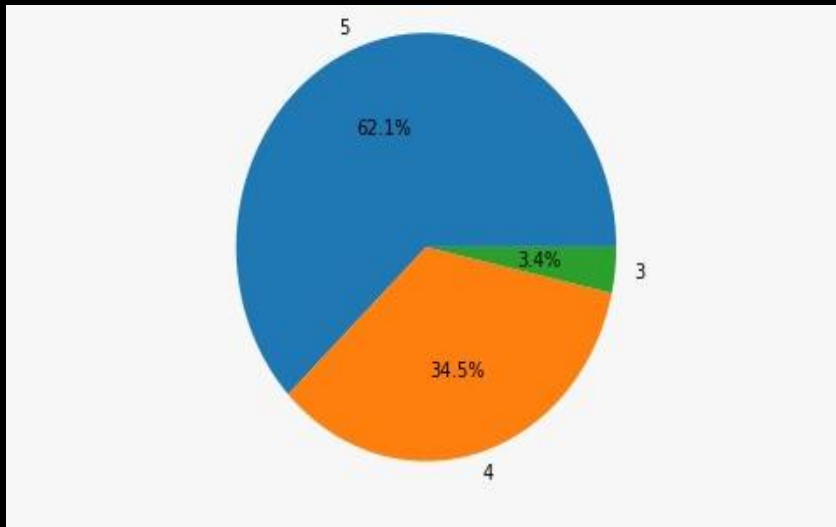
Hands On with Data
Visualization

Industry - Academia Connect

Emphasis On Responsible AI



Some Info graphics About 2023 FDP on AI (Based On 200+ Reviews)



FDP on AI 2023

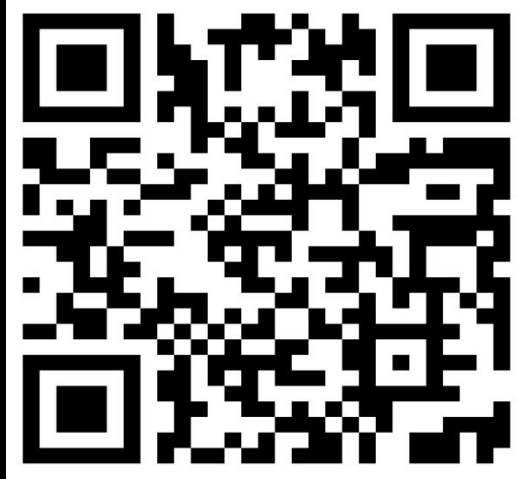




Join Us

Once Again for the Most Exciting FDP On AI

How To Register For the Programme ?



Or Use the Link Below :

<https://forms.gle/WSTvWDWSB2A6AfEZA>

No Fees For Registration