

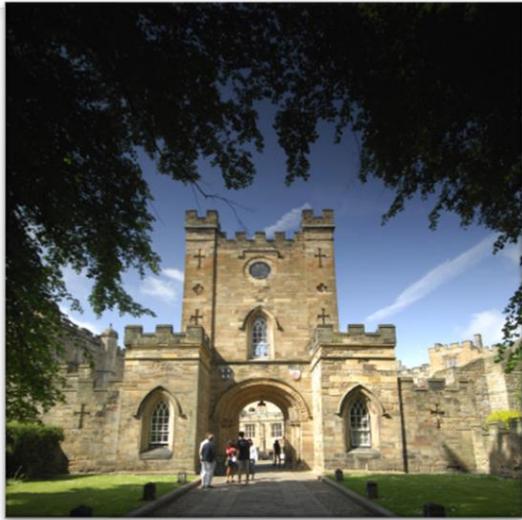


SCOUT Programme

March 2024

Professor Catherine Reading







SCOUT Programme

An Introduction to Data Science and Artificial Intelligence

Centres of Excellence

International Education

Academic Skills

Employability



Institute for Data Science

Active 12 hours ago



Nehal

[Chat with Nehal](#)

MAJOR(S)
BA Economics with Management with Business Placement (L104)

I COME FROM
Kolkata, West Bengal, India 🇮🇳

PREVIOUS QUALIFICATION
Indian Certificate of Secondary Education (ICSE)
School Leaving Diploma

ABOUT ME
Heyy, I'm Nehal Kothari from India. I'm currently pursuing a degree in economics. I've completed

[Read more about Nehal ...](#)

Critical Thinking Skills

[START COURSE](#)



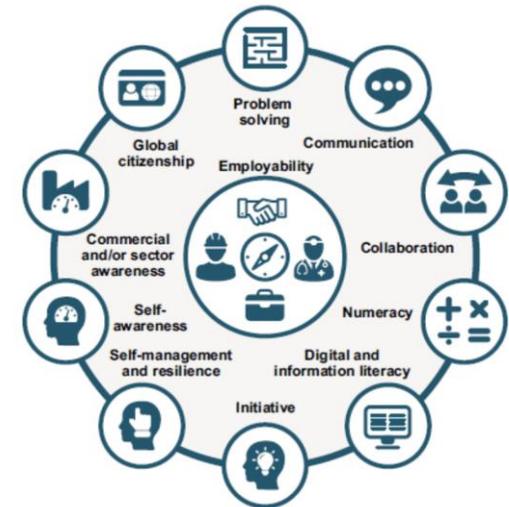
Critical thinking is not just an academic requirement; it's a vital part of the toolkit for professional success, personal growth, and active, informed citizenship. By developing critical thinking, you will learn to approach problems creatively, consider multiple perspectives, and make informed decisions. This skill is crucial for

Presentation Skills

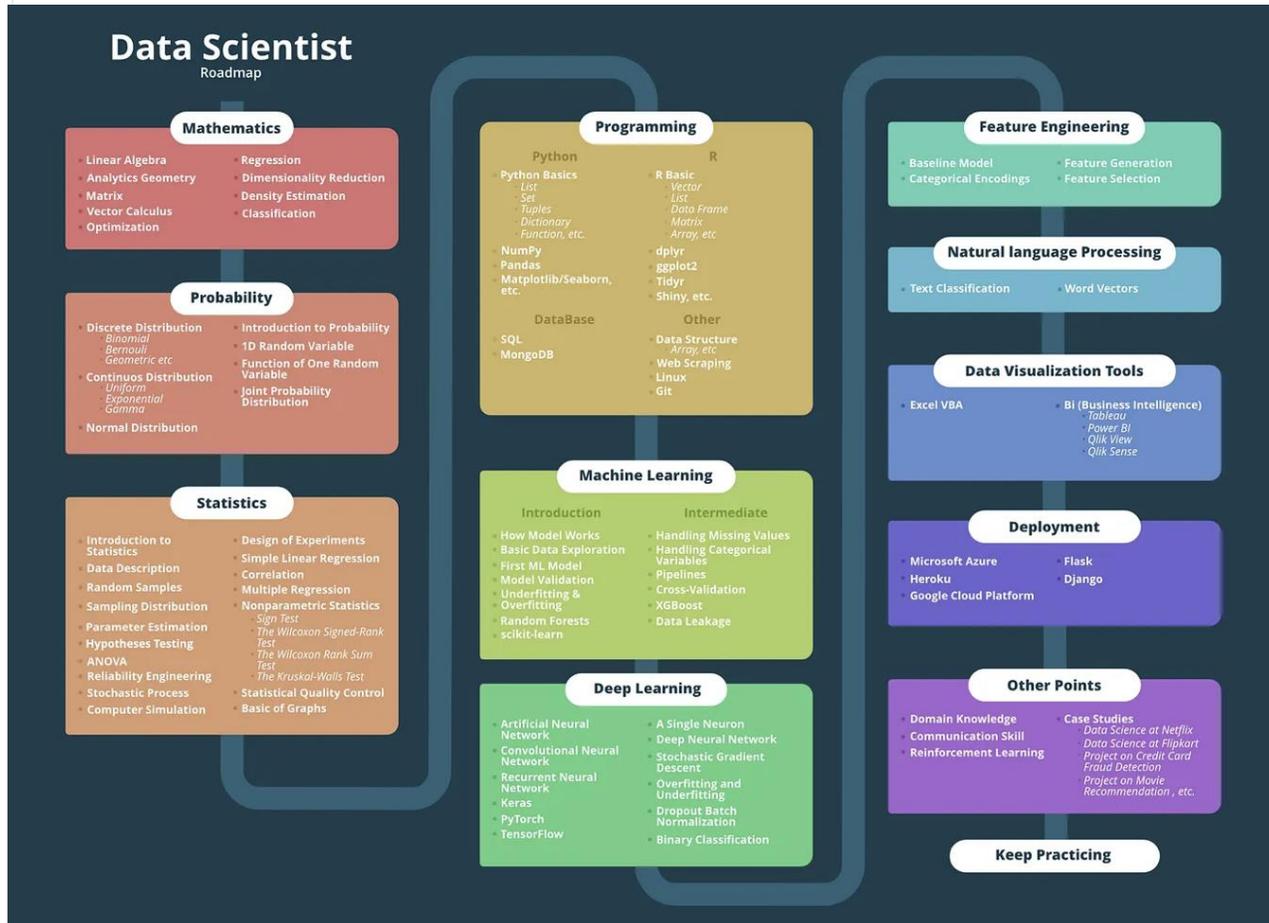
[START COURSE](#)



Presentation skills are essential for undergraduate students, serving as a cornerstone for academic success, professional preparedness, and personal development. These skills enable you to articulate your ideas, research, and arguments effectively, enhancing your academic performance and engagement.



The Role of a Data Scientist



SCOUT Programme

An Introduction to Data Science and Artificial Intelligence

Week 1: Data Science

- Live sessions: 4 hours
- Self-study online: 8 hours

Week 2: AI Applications

- Live sessions: 4 hours
- Self-study online: 8 hours



		Monday 04.03.24	Tuesday 05.03.24	Wednesday 06.03.24	Thursday 07.03.24	Friday 08.03.24	Saturday 09.03.24
Asynchronous The online aspect of the programme will include video resources alongside interactive materials and tasks			Release of online materials: Phase 1 – Data Science Asynchronous The online aspect of the programme will include video resources alongside interactive materials and tasks		Milestone 1: Key objectives review	Milestone 2: Key objectives review	Evaluation
Synchronous				3.00 - 4.00 pm IST 9.30-10.30 GMT ZOOM Welcome and introduction to the PHASE 1	3.00 - 4.30 pm IST 9.30-11.00 GMT ZOOM Workshop 1	6.00 pm IST 12.30-1.00 GMT ZOOM OPTIONAL Drop-in	

	Sunday 10.03.24	Monday 11.03.24	Tuesday 12.03.24	Wednesday 13.03.24	Thursday 14.03.24	Friday 15.03.24	Saturday 16.03.24
Asynchronous The online aspect of the programme will include video resources alongside interactive materials and tasks		Milestone 2: Key objectives review Release of online materials: Phase 2 – Artificial Intelligence		Milestone 4: Key objectives review		Milestone 5: Key objectives review	Evaluation
Synchronous		3.00 - 4.30 pm IST 9.30-11.00 GMT ZOOM Workshop 2	6.00 pm IST 12.30-1.00 GMT ZOOM OPTIONAL Drop-in	3.00 - 4.30 pm IST 9.30-11.00 GMT ZOOM Workshop 3		3.00 - 4.30 pm IST 9.30-11.00 GMT ZOOM Workshop 4	

SCOUT Programme

COLLABORATION AND CO-OPERATION

Virtual Meeting Etiquette

FIND A QUIET SPACE TO PARTICIPATE IN THE MEETING



ENTER THE ROOM A FEW MINUTES EARLY TO REESOLVE ANY TECHNICAL ISSUES.



START ON TIME
END ON TIME



TAKE A BREAK AT LEAST EVERY HOUR



DO NOT MULTI-TASK (DO OTHER WORK) DURING THE MEETING



MUTE YOUR MICROPHONE WHEN NOT TALKING



POSITION YOUR CAMERA CLOSE TO THE SCREEN YOU'RE LOOKING AT



KEEP YOUR CAMERA ON WHENEVER POSSIBLE



TURN OFF YOUR CAMERA IF DOING SOMETHING DISTRACTING



BALANCE AIRTIME SO ALL PARTICIPATES SO NO ONE DOMINATES



RAISE YOUR HAND/SPEAK UP IF YOU HAVE SOMETHING TO SAY



ASK QUIETER MEMBERS FOR THEIR OPINION



USE THE CHATBOX TO RECORD KEY IDEAS AND ACTION ITEMS



BE INTERESTED SO THE MEETING CAN BE INTERESTING



BREAKOUT ROOM TASK

Meeting your group (10mins)

- Introductions
- Question:
If you could have any superpower, what would it be and why?
- Come to a consensus:
Decide on the “best” superpower in your group.
Your nominated hero will be asked to feedback this in the Meeting chat.



Week 1: Data Science

- Accessing the Learning resources and materials
- Study skills and employability
- Durhamlearn.org

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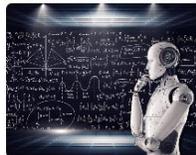
DURHAM LEARN

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Durham University SCHOOL OF EDUCATION

AN INTRODUCTION TO DATA SCIENCE & ARTIFICIAL INTELLIGENCE

Welcome to **Durham University** and the **GREAT Scholars for Outstanding Undergraduate Talent (SCOUT)** programme. We are delighted to be working in partnership with the **British Council** and the state of **Tamil Nadu** to support this excellent initiative and provide an experience of international education.



Our programme content will focus on data science and artificial intelligence. In an era where data is the new gold, understanding how to extract insights and make predictions using data science and AI is more crucial than ever. This programme is crafted to meet the needs of beginners and intermediate learners alike, offering 24 hours of flexible online learning. Through interactive materials, you will have the opportunity to explore the foundational knowledge of these innovative areas.

Our online and face-to-face learning experiences are designed to launch you into the dynamic world of data science and artificial intelligence (AI). Whether you're looking to build foundational knowledge, enhance your practical skills, or explore the fascinating applications of AI, this programme offers an engaging pathway to mastering the essentials and beyond.



An Introduction to Data Science and Artificial Intelligence

The Science of Data

START COURSE



Data science and statistics both deal with data. Traditional methods for statistics teaching tend to focus on mathematical processes using static and prepared



Week 1: Data Science

- Accessing the Learning resources and materials
- Study skills and employability

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- MILESTONE 1
- Workshop 1

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Week 1: Milestones and Progress Indicators

Milestone 1

Thursday 7 March 2024

- Introduction and familiarisation with materials
- Foundations of Data Science
- Dealing with Data

Milestone 2

Friday 8 March 2024

- Outstanding workshop tasks
- Exploring and Understanding Data
- Predictive Analytics and Modelling



An Introduction to Data Science and Artificial Intelligence



Data science and statistics both deal with data. Traditional methods for statistics teaching tend to focus on mathematical processes using static and prepared



Thank you for joining the session

See you in Workshop 1

Professor Catherine Reading

