About the programme

Join Oxford University's AI and Machine Learning Pioneers two-week summer school where cutting-edge technology meets centuries of academic excellence. This transformative programme offers much more than just learning – you'll engage with world-class academics, tackle pressing real-world challenges and work alongside an international cohort of likeminded classmates.

As the only official University of Oxford Summer School pathway programme focused on AI and data science, you will learn from world-renowned experts while immersing yourself in the rich academic traditions of the University of Oxford. Delivered in collaboration between Saïd Business School and the Department of Economics, this programme offers a unique opportunity to engage with two of Oxford's leading institutions, equipping you with essential business skills and insights that will support your academic and career aspirations.

This summer, empower yourself to navigate and shape a future driven by AI and machine learning. Your journey to becoming a leader in this exciting field starts here.

Become a future AI and machine learning leader

Prepare for an impactful experience and join a dynamic community committed to understanding and shaping the future of AI and machine learning in transforming global economies, industries and society.

Ready to take the next step?

Start your journey towards being an AI and machine learning pioneer.

We look forward to receiving your application and learning about your ideas and ambitions.
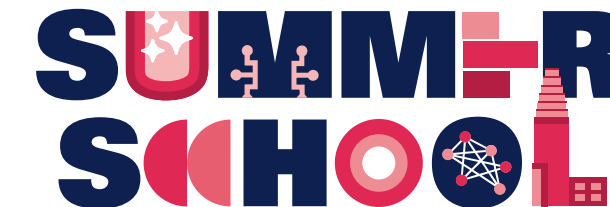
Scan the QR code or contact us with any questions: **YouthEducation@sbs.ox.ac.uk**

For next available programme dates, please check our website: **sbs.ox.ac.uk/youth-programmes**

Find out more and apply

AI and Machine Learning Pioneers

SUMMER SCHOOL

19 July – 1 August 2026

Are you excited about the new opportunities driven by AI and big data? Join our summer school for 16–18 year olds to explore the impact of this rapidly-evolving field on business and develop the skills to become a future leader in AI.

Benefits

- Apply rigorous theory to real-world challenges
- Develop essential teamworking and leadership skills for future industry leaders
- Gain a deep understanding of how AI and Big Data are transforming global economies and industries
- Lay the foundations for a cutting edge career with hands-on coding experience
- Connect with a global network of peers and mentors

- Experience a taste of life as an undergraduate student
- Receive expert guidance on university applications and career planning
- Immerse yourself in Oxford's historic academic environment
- Receive an official certificate from the University of Oxford

Learning journey

Week 1: Foundations of AI, machine learning and leadership

- Explore how AI and machine learning are transforming economies, industries and decision-making
- Gain hands-on experience with machine learning, neural networks and data analysis
- Learn key econometrics concepts, including regression analysis and data visualisation
- Discuss ethics and leadership in AI: integrity, bias and the future of responsible innovation
- Collaborate with peers to develop AI and machine learning solutions through group projects and study sessions
- Engage in Oxford traditions, including formal dinners and debates

Week 2: Advanced applications and AI in action

- Dive into the AI value chain: from data collection to model development and scaling
- Discover how AI is monetised through business models, data-driven products, and startups
- Examine AI's impact in finance, healthcare, and business through real-world case studies
- Learn about the University of Oxford application and interview process.
- Pitch a group project on AI and / or big data's role in a chosen industry to industry mentors
- Celebrate with a graduation ceremony and farewell events

The Oxford Experience

As a participant, you'll immerse yourself in the rich traditions of university life staying in student accommodation with all meals provided.

You'll join an intellectually vibrant community, exchanging ideas with a global cohort. Beyond the classroom, you'll explore Oxford's historic landmarks, from the Bodleian Library to the Ashmolean Museum and University Parks.

'You're not just learning about AI but how you apply it… it helps with your team work and leadership skills too'

David
AIMLP 2025 student