

The Alan Turing Institute

Research areas

- Algorithms
- Applications of data science
- Architectures
- Computer systems and programming languages for data science
- Computer vision
- Culture and media
- Data-centric engineering
- Defence and Security
- Digital humanities
- Distributed systems
- Economic data science
- Ethics for data science
- Experiments
- Government
- Health and wellbeing
- Logic
- Machine learning - applications
- Machine learning - deep learning
- Machine learning - reinforcement learning
- Machine learning - statistical inference
- Machine learning - unsupervised
- Natural language processing
- Networks
- Numerical methods and optimization
- Privacy and trust
- Public policy
- Pure and applied mathematics
- Smart cities
- Social data science/computational social science
- Statistical methodology
- Statistical theory

Strategic priorities

- Engineering
- Technology
- Defence and Security
- Smart cities
- Financial services
- Health and wellbeing
- Mathematical representations
- Inference and learning
- Systems and platforms
- Understanding human behaviour