



**UNSW**  
SYDNEY

Artificial Intelligence

Machine Learning

## Knowledge Data Analytics

**An internationally leading capability in the storage, analytics, visualisation and security of data and models, with vast experience in delivering impactful systems and solutions across multiple domains.**

### Competitive advantage

- Novel, holistic approach to managing data storage, indexing, querying processing, and optimising
- State-of-the-art solutions to analyse various types of data for descriptive and predictive applications
- Flexible and powerful interface to interact with intelligent applications, including visualisation, and explaining predictive models for enhance understanding and to aid debugging
- Expert in the detection of unknown adversarial attacks, including adaptive white-box attacks, and in protecting intelligent models from attacks

### Impact

- A more secure, efficient, intelligent and holistic solution for data storage, modelling, and understanding.

### Successful applications

- Analysing text data and extracting knowledge from unstructured online documents for D2D CRC projects
- Predictive modelling for users in large enterprises who are vulnerable to cyber-attacks

### Capabilities and facilities

- Large scale data processing and modelling platform

### Our partners

- CRC

### More Information

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