ETHICAL AI FOR INDUSTRY
ENHANCED DECISION MAKING

THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

DR SAIFUL ISLAM

Smart data analytics and AI for sustainable humanity.

Dr Saiful Islam is a dedicated data and AI enthusiast focused on ethical solutions for industry decision-making. His research transforms business processes through innovative data science and AI-driven solutions. Beyond academia, he has collaborated with NIB Health Funds, Honeysuckle Health, and Robotic Systems in Newcastle. His research spans predictive data analytics, deep learning, generative AI, and digital health. He has over 75 publications, including books, journal articles, and conference papers. He is currently supervising 9 PhD projects.

COMPETITIVE ADVANTAGE

- Established collaboration with local industry
- Strong international and national reputation as a data science researcher
- Hands-on technical skills in predictive data analytics and AI
- Extensive experience deploying data science and AI models in industry settings.

PARTNERS

- NIB Health Funds
- Honeysuckle Health
- CSIRO
- Robotic Systems.

SUCCESSFUL RESEARCH APPLICATION

- Ethical AI for enhanced health insurance risk assessment and decision-making
- Developing and validating a data-driven AI algorithm for rugby collision intensity
- Prediction of the likelihood of patient readmission after hospital discharge
- Decentralised federated learning for field robotics.

MORE INFORMATION

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