



DATASHEET

AI, ML & Statistical modelling

OVERVIEW

We develop applied Artificial Intelligence (AI), Machine Learning (ML), data fusion and advanced statistical solutions. Combined with our incident modelling expertise, we have an unmatched ability to apply these technologies to solve a wide range of real-world problems.

HARNESSING THE POWER OF DATA

We use AI, ML, data fusion and statistical approaches to organise and tap into the potential of complex data. As technologies quickly evolve, producing and collecting more data every day, these techniques allow our customers to harness the full scope of this growing resource and transform the raw data into actionable intelligence.

They enable users to take a deeply data-driven approach to their challenges and generate more informed situational awareness than otherwise possible.

OUR CAPABILITIES

Our capabilities draw on a wide range of cutting-edge, validated techniques. Our services range from deep learning and neural networks, supporting exploration and analysis projects, to dependable AI, designed to solve specific use cases.

Riskaware holds in-house the expertise needed to take you from conception to reality. We can build, train and validate the underlying models, then, support you to apply these as effectively as possible for your use case.

So, whether you require prediction, classification, decision support or other intelligent capabilities, we can help you create the right models.



OUR APPROACH

The results of AI, ML, data fusion and statistical modelling are only as good as the inputs.

Therefore, our priorities are to fully understand the problem and to build the highest quality datasets possible - purpose-built to underpin the development of a solution. Once we establish a clear scope, we apply data science, data engineering and model validation techniques to ensure every step of the process is reliable.

For the most innovative or unexplored projects, we have the in-house expertise to both clarify your challenges and create synthetic datasets. So, no matter what your needs are, we can ensure your final product is applicable in the real world.

WHY RISKWARE

Riskaware has 20 years' experience working in the field of incident modelling with leading government and commercial organisations. This gives us a solid foundation from which to build accurate datasets and models to underpin your solutions.

Our team has a vast toolbox of scientific knowledge, data techniques and innovative experience, which is being continuously expanded alongside the diverse range of domains in which we work.

USE CASES

Driven by a commitment to actionable intelligence, we are adeptly positioned to make AI applicable for a wide range of use cases. Some of our current projects include:

Cyber attack prediction



Ministry of Defence

Space threat analysis



Defence and Security Accelerator

Social Media Geolocation accuracy



Ministry of Defence

Drone tracking and classification



Defence and Security Accelerator

Disease outbreak detection and response





Ministry of Defence

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