Data Science, Analytics and Visualisation

methods
AN ALTEN COMPANY

Methods' multi-disciplinary cyber and data science team are expert in advanced analytical techniques, cloud-based data tools, algorithms, and visualisation. We can help you analyse your cyber security data to identify service improvements, process automation, and efficiencies in delivery, to help your Security Team prioritise their work. We develop and deploy solutions matching your individual organisational needs, using cutting-edge data science and analytical techniques.
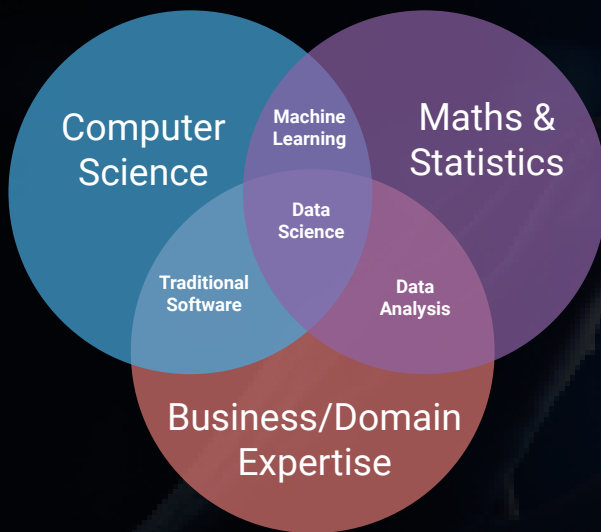
Service Offering

Security teams are always busy and always looking for ways to prioritise what they should be working on. Security information and event management (SIEM) systems like Azure Sentinel or Defender pull together information for you. However, our team can retrieve data from multiple sources into a single pane of glass to provide a view of your estate and the issues that require attention. We can provide triangulation and visualisation of multiple data sources along with AI-powered analytics that find and highlight anomalies and outliers in the data.

Data Science, Analytics and Visualisation

Computer Science

Machine Learning

Maths & Statistics

Data Science

Traditional Software

Data Analysis

Business/Domain Expertise

Our objective is to ensure organisations are provided industry best practice strategies by offering the following:

Key Service Features

- NCSC Certified Consultancy for Risk Assessment and Risk Management
- ISO 27001, ISO 9001 and Cyber Essentials certified
- Qualified team: NCSC CCP, CISSP, CISM, SSCP, TOGAF, SABSA
- Scalable cloud-based (Azure/AWS) Machine Learning, AI, and Data Science
- Data analysis and custom visualisation including Power BI
- Ingest, link and interrogate multiple datasets using advanced analytics
- Deep expertise across supervised learning, unsupervised learning and reinforcement learning
- Experience in Cognitive Services including Natural Language Processing (NLP)
- Data engineering solutions and data architecture for big data analytics
- Access powerful and intuitive dashboards, apps, and data visualisations

Key Service Benefits

- Identify service improvements, process automation, and efficiencies in delivery
- Use data science and machine learning to tackle policy problems
- Iterate fast from discovery to Proof-of-Concept to deployment
- Agile approach to respond rapidly to changes in requirements
- Ingest data source and apply automated cloud-based data cleaning tools
- Integration with existing data sources, data pipelines, and tech stacks
- Leverage open-source tools and proprietary cloud-based products
- Expert team of Data Scientists and Data Engineers
- Deep experience of AI/ML engagements across government
- Visualise security posture through a single pane of glass