

Data Science Services

Deep-dive into your data and boost business performance by understanding what your users really want

TRUSTED BY LEADING ENTERPRISES

DXM

AUTODESK

TRACKS

drax

BNY MELLON | EAGLE

eset

WELLAIR

acino



Crown Commercial Service Supplier



HOW WE HELP OUR CLIENTS

USE YOUR DATA TO BOOST SALES

Extract business insights and improve data management to tailor your services with personalisation, smart recommendations and targeting – to reduce churn and sales overheads while boosting conversion and raising AOV and sales.

EFFECTIVELY MANAGE RISKS

Implement prescriptive analytics and machine learning models, so you can instantly qualify leads, quantify successes, predict market demand, enhance your business processes and effectively resolve challenges to get the best ROI.

DELIVER EXCEPTIONAL, INTELLIGENT UX

Use natural language processing (NLP), computer vision (CV) and deep learning techniques to create and adopt smart digital assistants that provide swift, personalised responses to deliver a new level of user experience that boosts acquisition and retention.

ENHANCE OPERATIONAL PERFORMANCE

Augment key processes and improve your controls by adopting machine learning models and solutions for predictive maintenance and smart planning, so you can measure and manage performance with ease – reducing your time and budget burden.

COMPANY HIGHLIGHTS

2000+

top tech experts,
middle and senior level

19

offices and delivery
centres globally

120+

active clients, including
Fortune 500 companies

30+

years on the market

64

Net Promoter Score (NPS)

1000+

projects delivered



WHAT WE DO

We'll take your data requirements and create powerful analytical modules that help you identify insight gaps, spot opportunities, improve your business outcomes and tighten your operational efficiency. By improving

data management, you'll be empowered to drive an effective digital transformation while navigating risks and decreasing your operational costs.



DESCRIPTIVE ANALYTICS

We'll help you interpret historical data to understand the changes that have occurred within your business. The descriptive analytics approach includes insights extraction, pre-processing and evaluation of anomalies, central tendency analysis and variance – plus evaluation of other key statistical moments: distributions, frequency, dependency and factor analysis, etc.



PREDICTIVE ANALYTICS

Predictive analysis helps businesses focus their efforts and investments where they're likely to get the very best ROI. Our data science team will validate your model types and provide a first-time baseline, then fine-tune the model and provide any necessary retraining. We'll also measure performance and confidence intervals for newly-developed predictive models before finalising them, to make sure you get the most from your modelled data.



PREDICTIVE ANALYTICS

Prescriptive analytics allows you to bolster decisions with facts and probability-weighted projections, rather than hypotheses. Our team of data engineers will help you obtain summary insights from your modelled data and provide recommendations on how to action them. This is especially relevant for industries like finance, government and healthcare, where the cost of human error is high.



PROCESS OPTIMISATION AND AUTOMATION

We will help you adopt machine learning algorithms and advanced analytics models to optimise repeatable, time-consuming processes and workflows with smart automation. You'll benefit from enhanced controls and data management that enables better decision-making by implementing data science technologies. You'll also be able to measure and manage performance more easily.



MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE DEVELOPMENT SERVICES

We will develop custom machine learning solutions to integrate with your enterprise systems for you to leverage advanced business intelligence, predictive analytics, and intelligent automation.



MACHINE LEARNING MODELS DEVELOPMENT



NATURAL LANGUAGE PROCESSING



DEEP LEARNING AND NEURAL NETWORK DEVELOPMENT



CONVERSATIONAL ARTIFICIAL INTELLIGENCE AND CHATBOTS



COMPUTER VISION SOLUTIONS



INTELLIGENT AUTOMATION

THE ELEKS DATA SCIENCE PLATFORM (eDSP)

eDSP is our proprietary tool that has been developed to take the pain out of machine learning model management, allowing your team to create and manage models with ease. The platform is customisable, scalable, secure and available everywhere.

WITH eDSP YOU CAN:

01

Deliver data science projects up to **2x faster**

02

Slash project costs by up to 40% with significantly less spend on DevOps and development

03

Reduce the burden of operational tasks

04

Significantly **lower the cost and complexity** of model support

05

Reduce the risk of vendor lock-in with a cloud-agnostic setup

06

Detect failures rapidly with out-of-the-box monitoring

07

Achieve a **high standard of security**

08

Create machine learning models via AutoML – with no prior data science expertise needed



WHY CHOOSE ELEKS' DATA SCIENCE SERVICES?

→ We have a large dedicated data science team with decades of experience building machine learning models and successfully delivering complex data science projects. We help businesses reach their objectives by yielding intelligent insights and making sense of – and action – their data.

→ Our data scientists combine mathematics and software development expertise with a keen understanding of business operations and domains (finance, microeconomics, resource management, security, agriculture, logistics etc.) – giving our data science services a distinct advantage over the competition.

CUSTOMER SUCCESS STORIES



Developing a comprehensive Data Management Platform to manage Individual Producer Responsibility (IPR) data from source to endpoint.



Cloud migration and optimization of performance of Big Data storage for improved data processing and operational analytics.

ELEKS FEASIBILITY STUDY

A Machine Learning-powered precision model that predicts global CO₂ emissions for the coming year by location and fuel type and gives a 20-year historical view for comparison.

ABOUT ELEKS

ELEKS is a global software engineering and technology consulting provider. For more than 30 years, we have built custom software solutions that support the business growth of our clients.



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