

faculty

G-Cloud 14
Applied AI Services
Service Definition

We help the organisations that shape our world to **transform their business performance** by reengineering their core processes with AI



HOUSE OF FRASER



The Telegraph



THE LANCET

John Lewis



We help leadership teams make the right choices about where AI can **drive business performance.**

We deploy cutting edge AI software and use it to re-engineer core business processes.

We help build the **organisational capability** needed to ensure that change sticks.

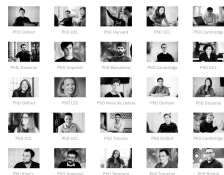


We hold a unique place in the AI talent ecosystem, and put Deepmind-level talent to work for the benefit of the real economy.

Our team is nearly 400 people, all UK based, and with a very high density of technical talent

"Faculty have the strongest Data Scientists out there"

Rolls Royce



We bridge from the 'real' economy to the cutting edge of the field. Our research, in collaboration with UCL and Harvard, has been published in many leading journals and conferences.

Nearly 10% of the UK's Science and Maths PhD population apply to our fellowship programme each year. Only 1 in 10 make it on. We hire the very best to work with our clients.

"Faculty's technical prowess is 40 steps ahead of anyone else we've come across"

NHS

faculty



Our fellowship programme has helped nearly 500 PhD+ scientists transition out of academia into Applied Data Science roles, in leading organisations across the UK economy.

"The Fellowship... has been the foundation of the data science team at easyJet. This is a unique programme that has greatly benefited easyJet".

Head of Data Science, easyJet

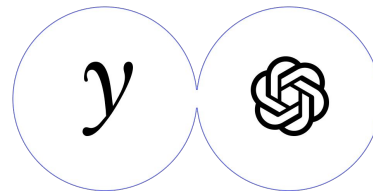
500+

PhDs

We were OpenAI's first technology partner, and the world's most prominent AI research labs use us to Red Team their foundation models, because they trust our teams to operate at the very frontier.

"We chose to work with Faculty because they understand our technology and its potential but also have the experience to ensure it is implemented successfully and safely."

Chief Customer Officer, OpenAI



Our teams are different to our competitors. When people leave Faculty they go to Deepmind, Google, Amazon, Meta and startups. In 10 years, no one has ever left to join a professional services firm.

"The quality of people is very strong – they can solve super complex problems"

CTO, Francis Crick Institute

We have been behind some of the most nationally significant applications of AI to date

We built the AI technology that proved terrorist content could be moderated at web scale, resulting in the UK Prime Minister placing new requirements on social media platforms at the UN General Assembly.

"Faculty's work set a new standard for the automated detection of harmful and abhorrent terrorist video propaganda".

UK Deputy National
Security Advisor



Home Office

We act as the AI Partner to core operational elements of the Defence and National Security Establishment. We supported the MoD to design and set up their Defence AI Centre.

"Every time we've doubled down on Faculty, it's proved to be the right thing to do".

Senior Defence Customer

We built the technology that NHS Gold Command used to run the national pandemic response, which has been credited with saving thousands of lives. We set up the NHS' AI Lab. And today we optimise hospitals to deliver more patient care with the resources they have.

"By using this leading technology developed with Faculty, we are helping to support frontline staff in their ongoing mission to save as many lives as they can."

Chief Data & Analytics Officer,
NHS England



We are the AI Partner of the National Grid and are supporting them to ensure that the UK Energy System is optimised to navigate the energy transition we are living through.

"Faculty's approach is noteworthy for its e2e vision, focusing from the outset on operationalisation. The feeling is one of long term collaboration. I am looking forward to continuing to collaborate in the years to come."

Data & Analytics Leader,
National Grid ESO



We provide red teaming to the world's leading Frontier AI research Labs, making sure that the most powerful generation of foundation models are safely rolled out across society.

"Faculty's work is playing a pivotal role in ensuring AI is rolled out safely across the UK and the wider world."

Faculty Client

We are driving the adoption of AI into the economy by acting as the AI Partner to enterprises across all sectors of the economy as they begin to transform their business with AI.

Faculty have expertise in AI that I have not seen in any other company we work with. We are a complicated business in a regulated sector, but they are delivering results at pace. They are the perfect partner for us as we build AI into the core of our business."

Faculty Client

Faculty's G-Cloud 14 Service Offerings

Faculty Frontier:

Artificial Intelligence for decision making

Data science and Artificial Intelligence development and deployment platform

Artificial Intelligence for managing patient flow

Using AI to improve A&E waiting times

Artificial Intelligence for predicting inpatient length of stay

Applying AI to care coordination and management

Using AI to manage elective care

Applying AI to population health management

Applied AI Services:

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM) Solutions

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM) End-to-End Software Development

Artificial Intelligence (AI) Software Development

Trusted Research Environment

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM): Roadmap

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM): Strategy

Applied AI Services:

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM) End-to-End Product Development

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM) Operational Integration

Artificial Intelligence (AI) Safety: Assessment, Implementation and Red-teaming

Artificial Intelligence (AI) Safety: Assurance

Artificial Intelligence (AI) Change Management and Adoption

Artificial Intelligence (AI) End-to-End Service Development

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM): Strategy

Generative Artificial Intelligence (GenAI) and Large Language Model (LLM) End-to-End Product Development

Managed Artificial Intelligence (AI) Operations

Artificial Intelligence (AI) Proof of Concept (PoC) Development

Artificial Intelligence (AI), Large Language Model (LLM) and Machine Learning (ML) Discovery Services

Faculty's G-Cloud 14 Service Offerings

Applied AI Services:

Data Science, Data Analytics and Artificial Intelligence (AI) for Commercial Insights

Artificial Intelligence (AI) and Machine Learning (ML) Digital Transformation

Artificial Intelligence, Machine Learning & Data Science for Predictive Modelling & Policy Making

Artificial Intelligence (AI) and Machine Learning (ML) Alpha Development

Artificial Intelligence (AI) and Machine Learning (ML) Beta Development

AI, Machine Learning (ML) and Data Science Training

End-to-End Next Generation Digital Twins Services

Artificial Intelligence (AI), Large Language Model (LLM) and Machine Learning (ML) Data Discovery Services

Scoping Data Possibilities: Data Ingestion, Data Modelling and Data Analysis

Object Detection and Computer Vision

Applied AI Services:

Cloud Data Science and Artificial intelligence (AI): Open Source Intelligence (OSINT) and Counter Disinformation Product Development and Services

Virtual Assistant and Chatbot Creation via Large Language Models (LLMs), Natural Language Processing (NLP) and Generative AI (GenAI)

Intelligence Support: Automated Document Generation, Search, Cross-referencing, Reporting, Summarization with NLP, LLM

Signal Analysis, Signal Processing, Audio Analysis and Audio Processing

Data Fusion: Managed Data Integration of Multiple Data Sources for Information Accuracy

Edge AI Model Tailoring and Connected Sensor Systems

Written Archive Search and Retrieval Service

Computational Twins