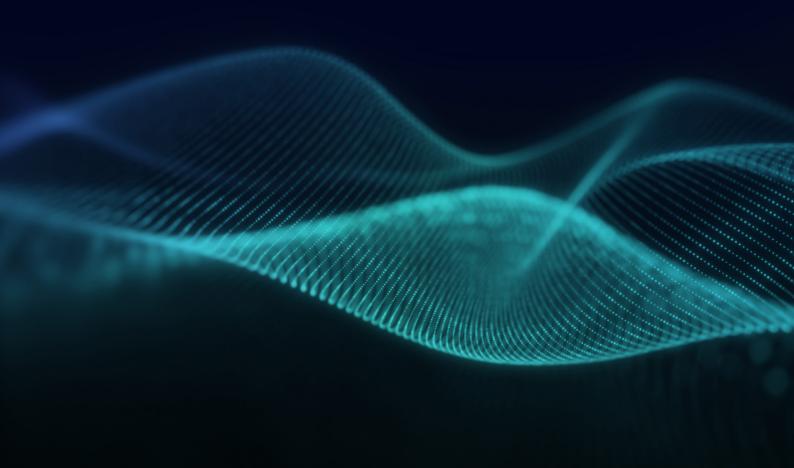


Service Definition

COBALT Grant Manager





COBALT Grant Manager

Intelligent Document & Application Processing

Solution Overview

COBALT Grant Manager utilises advanced data and text analytics to automate: the process of grant application checking to ensure companies are not making fraudulent submissions; and matching applications to appropriate assessors

The solution performs bulk document similarity checking for multiple submissions of the same application - as there are potentially trillions of sentences to be cross matched, this operation cannot be achieve through manual processes. Applications are scored against all previous applications, and a Natural Language Processing algorithm, developed by Analytics Engines compares sections within text documents.

Duplicate applications can then be categorised based on user defined rules and threseholds that can identify multiple submissions and resubmission of previously rejected applications.

The solution also automates the process of assigning applications to appropriate assessors. Using Natural Language Processing and Text Analytics, the platform matches application topic areas with the skills and experience of the assessors to ensure a good fit.

Deployed versions of the COBALT Grant Manager have reduced the time taken to assign assessors from "4 days' to a matter of minutes". In addition, the solution is able to match assessors with an accuracy of 96%.

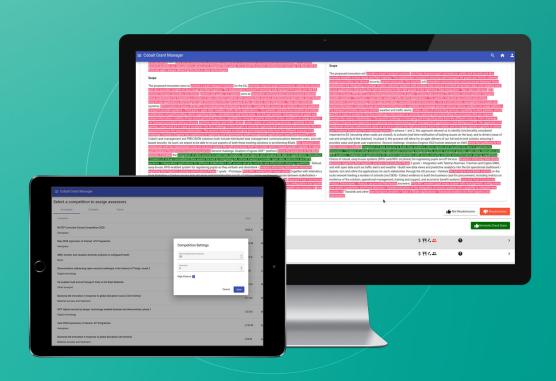
Analytics Engines

Service Features

- Automated assessor allocation using text analytics and rules-based algorithms
- · Text analytics to check for anomalies, trends, or undeclared re-submissions
- · Highly visual UX to review the output of analytical models
- · Highlighting algorithm to visualise applications identified as highly similar
- · Analytics algorithms to rank suitability of assessors for each application
- Analytical model extracts topics from applications and assesses topic coherence
- · Analytical model matches application and assessor topic distributions
- Create automated tailored and dynamic reporting and notifications
- · Automation of manual grant checking process.
- GDPR and ISO27001 compliant.

Service Benefits

- Automation of manual grant application checking process delivers efficiencies
- · Enhanced automated identification of fraudulent applications.
- · Automatically highlights undeclared application re-submissions
- Automation of most appropriate assessor to application matching
- Free up time for business-critical operations
- · Real-time view of assessor allocation
- · Maximise spread of relevant skills in the assessor panel
- Improved real-time holistic view of competition progress and application status.
- Improved assessor matching to applications
- · Workflows and automatic notifications improve assessor experience and productivity.





Who we are

Analytics Engines are specialists in data integration, machine learning, AI, in-depth analytics and visualisations. We leverage connected technology and data analysis to deliver better insights and outcomes for customers. We are obsessive about data, dedicated to problem-solving and passionate about driving customer success.

Our solutions break down data silos and enable our customers to understand how, where and why their data is connected. We provide them with the resources they need to search, understand and act on their data.

We strive to deliver impactful change to our customers and the wider community through the responsible use of data. In September 2021, we were identified as one of the UK's leading scale-ups after being selected to join the Tech Nation Applied AI 3.0 cohort. Tech Nation also named Analytics Engines as one of the UK's AI Companies to watch.



Who we work with

Analytics Engines is a trusted partner to organisations across the public and private sector. Our solutions have helped support organisations in Healthcare, Finance, Government, Media, Technology, and Education.

We have developed solutions for organisations including the Department for Business, Energy & Industrial Strategy, Innovate UK, The National Gallery London, RTÉ, and the Northern Ireland Audit Office.





























Do more with your data.

Not sure how data visualisation can support your organisation?

Analytics Engines offer end-to-end guidance, consultation and support in response to your data challenge.



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