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Fellowship Project with Verian: The MP Insight LLM

The Faculty Fellowship

The Faculty Fellowship screens, recruits and trains an exclusive cohort of data science, AI and machine learning specialists (the fellows).

Over 8 weeks, our world-class data science teams train and mentor the fellows and then help them to complete high-impact, bespoke AI projects for organisations like yours.

We have run the fellowship for 10 years, delivering over 450 AI projects in over 250 organisations including DLUHC, The Home Office, The Gambling Commission, DfE, MoJ, The London Fire Brigade and Great Ormond Street Hospital.

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Verian needs to retrieve specific and relevant information about MPs' political positions and activities to ensure stakeholders, such as voters, private companies and public sector entities can make better-informed decisions. However, this information is retrieved from a complex and evolving dataset. The standard systems lacked the high specificity and memory capacity required to handle detailed queries with multiple conditions, leading to imprecise outcomes for stakeholders.

Samuel Failor, a fellow from University College London, built a Large Language Model called 'MP Insight' that facilitates the investigation of MPs' activities, opinions, and policy priorities in the UK. Using an advanced retrieval augmented generation framework, this tool incorporates query processing and memory optimisation strategies. Now Verian has a superior performing model that retrieves accurate and detailed responses based on communications from MPs to their constituents, enabling stakeholders to make smarter decisions.

To find out more information about the Faculty Fellowship and how your company can get involved, please visit www.faculty.ai/fellowship-host-companies or email fellowship@faculty.ai.

About Verian

Verian is a world leading independent specialist research, evidence and advisory business providing services to government and the public realm, across all aspects of public policy.

With offices across Europe, APAC and in the US, our specialist consultants and researchers are supported by our unique global data ecosystem providing gold standard data. We combine expertise in human understanding with advanced technologies and data science, to provide the evidence and advisory services for successful decision-making in government and organisations working for the public realm. We share global best practice through local expertise.

veriangroup.com/about-us

About Faculty

Faculty, headquartered in London, transforms organisational performance through safe, impactful and human-led AI. We have over 10 years' experience helping customers reap AI's benefits whilst managing the risks. Founded in 2014 with a training programme to help academics become data scientists, we now provide over 300 global customers with software, bespoke AI consultancy, and an award-winning AI talent Fellowship programme. Faculty have built 50+ bespoke AI solutions for departments and bodies across Government.

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