Job Title: Artificial Intelligence Developer – Forecasting Platform and AI Agents

Contract: 12 months (with potential to extend)
Salary: £55,000–£70,000, depending on experience
Location: Remote or Hybrid (Flexible)

We're looking for a talented and self-motivated **Artificial Intelligence Developer** to join our startup and lead the development of advanced AI systems capable of generating accurate, explainable forecasts across a wide range of questions. You'll be part of a small, focused team building an ambitious product that combines **modern UI/UX**, **AI integration**, and **statistical modelling**, delivered as both a **SaaS platform** and a **closed-network deployment**.

What You'll Be Doing:

- Leading the design, development, testing, and training of the **AI MVP**, through to full platform integration

- Creating and refining **AI agents** capable of **generating, forecasting, resolving, and analysing questions** across diverse domains. These agents will operate in forecasting contexts similar to prediction markets or crowd forecasting platforms—evaluating future events, forming predictions, and refining themselves through feedback

- Building clean, efficient **training and evaluation pipelines**, with a focus on **performance, explainability, and calibration**

- Designing reinforcement learning frameworks that allow agents to improve based on scoring rules, prediction accuracy, or user feedback

- Collaborating with the broader team to embed these agents into the platform's architecture and interfaces

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Ideal Candidate:

You'll thrive in this role if you are:

- Comfortable working **independently** as well as in a **tight-knit team**

- Experienced in building **AI systems** for **forecasting, analytics**, or **decision-support** tools

- Skilled at applying **existing and novel techniques** to optimise agent performance

- Passionate about **statistics, forecasting, probabilities**, or **decision theory**—you don't need a PhD, but you should get excited about these topics. Familiarity with scoring rules (e.g. Brier score, log loss) or an interest in learning how to evaluate probabilistic forecasts is a strong plus

- Familiar with **AI integration** into production platforms and tools

- Experienced with modern ML frameworks (e.g. PyTorch, scikit-learn, or similar), and comfortable deploying models in production environments

- Capable of working with real-world data sources, including structured datasets and textual inputs, depending on the domain

- Ready to dive in—we have **strong and immediate customer interest**

Why Join Us?

This is a rare opportunity to build something **truly novel from the ground up**—a platform where **AI agents do real work**, and your technical decisions will shape how people make better, more informed judgments. We value **innovation**, **clarity**, **rigour**, and **pragmatic problem-solving**—and we're looking for someone who shares those values.