**Data Scientist – US Citizen**

We’re seeking a Data Scientist who can turn messy, real-world insurance data into reliable signals that power AI solutions. This is not a research-only role — you’ll be designing evaluation frameworks, building data pipelines, and deploying applied models that go into production with major insurers.

You’ll work closely with engineers and product teams to push the boundaries of what AI can do in insurance, while ensuring solutions remain trustworthy, compliant, and performant.

**What You’ll Do**

* Data Ingestion & Modeling: Build pipelines to process structured and unstructured insurance data (e.g., census files, policy documents, ACORD forms, filings).
* Agent Training & Evaluation: Design deterministic, repeatable evaluation frameworks for AI micro-agents.
* Entity & Feature Extraction: Normalize benefits, exclusions, and policy rules for downstream workflows.
* Model Experimentation: Apply LLMs, embeddings, and retrieval-augmented generation (RAG) techniques to improve retrieval and reasoning.
* Metrics & Validation: Define and track performance metrics such as precision, recall, and coverage.
* Collaboration: Partner with engineering and product teams to embed data science into production platforms with security and compliance at the core.

**What We’re Looking For**

**Core Skills**

* Strong background in applied machine learning, NLP, or information retrieval.
* Hands-on experience building and deploying AI/LLM-powered systems in production.
* Proficiency with Python, Pandas, and SQL; skilled in large-scale data wrangling.
* Experience designing evaluation frameworks or structured output pipelines.
* Familiarity with embeddings, vector databases, and RAG.
* Ability to explain transformer attention mechanisms and apply that knowledge to prompt design, context structuring, and debugging.
* Pragmatic, delivery-focused mindset with strong problem-solving skills.

**Nice to Have**

* Background with insurance or financial services data.
* Experience in compliance-heavy environments (SOC 2, HIPAA, GDPR).
* Cloud expertise (AWS, Azure) and exposure to MLOps practices.
* Knowledge of LangChain, LangGraph, or orchestration frameworks.

**Who You Are**

* Thrive in a fast-moving, high-growth environment.
* Care about building trustworthy, production-ready AI systems — not just demos.
* Enjoy cross-disciplinary collaboration and see data science as a team sport.
* Curious, rigorous, and unafraid to challenge assumptions.

**Why Join**

* Work on mission-critical AI for an industry ready for transformation.
* Immediate impact on a small, senior team where your work is visible.
* Shape the standards for evaluation frameworks and data pipelines.
* Competitive compensation, including salary and equity, with flexibility on location.

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