

HelleboreTechnologies

Bringing Machine Learning and Data Mining to OTC Markets

Data Scientist

Hellebore Technologies

Since 2013, the FinTech Hellebore Technologies develops SaaS solutions for investing in over-the-counter credit derivatives. From detecting market opportunities through to transaction processing, with Hellebore Technologies solutions, investors have efficient and cost-effective means of access to a very niche but strategic market, the liquid credit derivatives market.

Hellebore Technologies' clients are financial institutions based in France and the UK. Through its two initiatives, [DataGrapple](#) and [OTCStreaming](#), Hellebore Technologies provides easy access to public data. Hellebore Technologies is part of recent initiatives post- Global Financial Crisis for greater transparency of the financial markets.

Hellebore Technologies invests continuously in new technologies with two main points of focus: the management and analysis of large time series and the extraction of information from templatic and semi-structured documents.

Hellebore Technologies is a subsidiary of Hellebore Group, a private company owned by its founding partners. Working with Hellebore Technologies provides access to the broader Hellebore Group employee remuneration policy.

Job Offer

The credit derivatives market is restricted to professional investors which are trading over-the-counter - that is, a client to dealer basis. Information is disseminated via a continuous flow of electronic messages providing price updates - which can be more than 25,000 for a quiet trading session. Electronic trading is limited to no more than a few benchmark products. The credit investment universe is much larger and can be said to be evolving more than, for example, equities. Templatic or quasi-structured documents are the most flexible and cost-effective way to exchange information. For the last 4 years, ScriptMiner is extracting and streaming in real time to its clients the price information from dealers' messages using a combination of rules-based and machine learning techniques.

The data scientist will work on new and alternative methods based on deep-learning for extracting more information from our database of templatic and semi-structured documents in a more adaptative way. The project will focus first on price, then on features and sentiment analysis derived from any commentary included in opinions sent with prices. The data scientist will benefit both from the data pipeline and the accumulation to-date of millions of mails and prices. Working with the CTO of Hellebore Technologies, the data scientist will benefit from extensive company's technological resources and support.

Hellebore Technologies offers competitive remuneration and the data scientist will benefit from Hellebore Group incentive policy. The job position is based in Paris but the data scientist should be prepared to travel from time to time to London to meet Hellebore Technologies' clients.

Profile

Master in Data Sciences or alumni of a French Grande Ecole, the candidate can be junior in Data Science but be an enthusiast for new data technologies.

Application should be sent to: hr@helleboretech.com

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