Job Description

Our Client is looking for a Data Scientist to join their dedicated team in Singapore. The group is responsible for the timely delivery of comprehensive and error-free data to some of the most demanding and successful systematic Portfolio Managers in the world.   
  
The successful candidate will be a member of a small team of Data Scientists who play a vital role in ensuring the smooth day-to-day implementation of a large research infrastructure, and the live production trading of billions of dollars of capital across global capital markets, including equities, futures, options and other financial instruments.   
  
Responsibilities:

* Identification of new data sets
* Engaging with vendors to understand characteristics of datasets
* Building processes and technology tools to ingest, tag and clean datasets
* Analysis of datasets to generate descriptive statistics and propose potential applications of data
* Research of potential “alpha signals” for presentation to Portfolio Managers
* Monitoring and enhancing the automated data collection and cleansing infrastructure
* Research on new technologies for improved data management and efficient retrieval

Requirements:

* Ph.D. in computer science, mathematics, physics, statistics or another disciplines involving rigorous quantitative analysis techniques
* Minimum 1 year of experience as a Data Scientist, quantitative researcher or in a similar role
* Experience working with large data sets, including classification, regression, distribution analysis, and predictive modeling
* Experience applying statistical tests to large data sets
* Programming skills in SQL, TSQL, SQL Server or PL-SQL
* Programming skills in Python and at least one of C#, C++, or Java
* Financial industry experience preferred but not required
* Experience dealing with intraday, tick and order book data a plus
* Strong problem solving skills
* Intellectual curiosity and a love of learning
* Attention to detail and a love of process
* Strong oral and written communication skills