Hello, my name is Hiroshi Oura. I’m from Asset Management One, Tokyo, Japan. I would like to tell you a little about myself and my company.

I’m currently working in AMO, however, I first joined Mizuho parent company around 10 years ago, since then I have worked as a consultant for Mizuho Financial Technology and as a quants researcher for Mizuho Alternative Investments.

Asset Management One is one of the largest asset management company in Asia by AUM, valued at around 500 billion USD. We deal with various asset classes, stocks, bonds and other alternative assets. We also have various products which include both quants and judgemental funds.

Currently, most of our clients are Japanese institutional investors and we would like to expand globally. We believe that one of the most important areas, in order to compete globally, is introducing new technologies such as machine learning and big data to our investment strategies. To research these kinds of technologies, last October, Asset Management One established the Financial Innovation Department which I belong to.

We have been researching how to apply these technologies to our investment strategies over the past year. However, we believe that we need the help of external resources to better assist us in implementing these technologies in the short-term, specifically, in the machine learning field. Therefore, we are currently searching for companies which we can collaborate with.

I am looking forward to learning more about your company in further discussion today.

Q&A

As there are many companies providing sentiment scores, it is difficult for us to decide which data to subscribe.

What is your company’s competitive advantage, a machine learning skill, an abundant source to create sentiment scores or other factors?

What is your company’s differentiation from competitors, a machine learning skills, an abundant source to create sentiment scores or other factors?

I understood your company’s advantage is the machine learning skill.

Would you give us some more detail about your machine learning skills?

One of the most important aspects is validating if your dataset can be applied to our strategies and most of them are low frequency, monthly or quarterly, based strategies. Do you have any research papers showing simulation results utilizing your dataset for low frequency strategies?

怒り、おそれ、ネガティブセンチメントはどのくらい違うものですか？相関しているような気がする。

Regarding currencies, I am curious as to what how your sentiment scores look like. For example, in another company’s dataset, the currency scores were not reliable. Although their direction of positive or negative is correct, most of them were same, 0.5 or -0.5. According to their explanation, as most currency news mention only “one currency appreciating or depreciating against another currency”, it is difficult to evaluate the impact of currency sentiment scores. How do you feel about that?

They also had a “relevance score” which shows the degree of relevancy of each story in relation to the companies referenced in the news. Does your company create the same kind of score?

As you have said earlier, your company uses supervised learning to create the sentiment data. For that method, your company has to create supervised data first. Could you tell me how your company creates supervised data?

How have your clients, especially asset management companies, leveraged your company’s machine learning techniques? Could you give us some examples about that?

How has your company worked with your clients?

To what kind of asset classes (strategies) has your company apply your machine learning techniques?

I am going to go to Israel next January. When I go to Israel, I would like to visit your company and learn more about your company.

How many engineers does your company have and what are their backgrounds, computer science? Are there any employees who worked in a financial institution?

Why did you choose that model?

Will you give your reasons for choosing that model?

Could you tell me why you chose that model?

If your simulation is not up to scratch (our standard, our expectation), what adoptability do you have within your framework?

With regard to payment structure, if we are at simulation stage and we find that it doesn’t suit our needs, what will we do in reference to payment?

I have a curiosity as to why you chose particular model.

I am curious as to why you chose particular model.

Ice break

可能な範囲で

定義definition, mean exactly

録音 or ラップトップを使っても良いか

前向きに検討する

過去のパフォーマンス

どういう頻度でモデルを見直しているか

モデルの検証方法は

エンジニア、データ整備、分析、バックテストのプロセス

意思決定のプロセス

モデルが効かなくなった時にどういう風に対応するのか

組織図Organizationを教えてほしい

1つのモデルを作るのに何人がかかわるのか

Knowledgeの蓄積はどのようにされているか

Keymanが抜けた場合に継続性があるのか