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。

為替はどうですが？ほかの会社のデータはほとんどが同じ数値だった。為替のニュースは上がった下がったしか言わないからインパクトを計測するのが難しいらしい。

Regarding currencies, I wonder how your sentiment scores look like. I mean, in the other company’s dataset, the currency scores were not reliable. Although their direction, positive or negative, is correct, most of their magnitude are same, 0.5 or -0.5. According to their explanation, as most currency news mention only “one currency appreciates or depreciates against other currency”, it is difficult to evaluate magnitude for currency sentiment scores. How do you feel about that?

There is “relevance score” in the other company’s dataset, which shows how strong each news is relevant to the companies referred to the news. Does your company create same kind of score?

As you have said earlier, your company uses the supervised learning to create the sentiment data. To do that kind of 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?