Unfortunately, weissan (43:34) doesn't know how fair is he doing in terms of his pricing and where does where can he benchmark his pricing to. It's a bit like Ben Davis asking for that part as well, so IBDS (43:48) buy side, in fact it also affects Ben Davis’ side on trading, but when we went up to Soon Chong (43:59), he said no. Hopefully, with a lot more engagement over the last Cher Yiing had with him on the sales side with him, he would have softened but will try one more time. **Eddie to confirm with Cher Yiing on this and get back. Probably will need to take this forward with Andrew as well, in order to** **have him prioritize us as part of the road map.**

We need to then look at ADA ingestion, if there is a tactical approach. Separately, Raghav also need to prioritise AXE data, which is not in TDAP.

Once we complete the final dashboard, it's about applying predictive analytics, machine learning and all that, which is probably more productionization on Raghav’s side.

<That applies to the next 2, G7 trading is the same thing>

<Something unsure>

We need to talk to Sam, so Gary need to go back to COO. He's working on something with the TMO stuff. Zen is doing something like email classification, Sam is trying to leverage on that as the first initiative that he’s doing. He is also aware that there's a lot of manual processing in the BMS side right and we were going to look at robotics, so RPA for his side. The approach in ITT was they upgraded all of their systems. So RPA is probably going to just reside on the BMS part, but that is probably a vendor. Need to go back to him if he really wants to go ahead with this, because this RPA thing is not really necessarily data at the moment. What is data is when it becomes cognitive RPA, when we use intuitive analytics to do the automation. The first step was may be RPA, that’s why we lumped it with us, but **Gary needs to check with him**.

For RPA, we see on 2 sides: we go and explore on the vendor side, whether anything's there and we also see whether we have something in-house. The email tracking thing obviously helps him optimize his email traffic, but it doesn't help with his other manual processing. He is looking for something like

somebody downloading something from Bloomberg and then putting this in Excel, doing some enrichment, and taking it out and uploading it to another file.

For market operations monitoring, it is an extension of the Lawrence’s (51:11) use case. That’s the internal deals monitoring extension. It would be dashboard but extended to external trades and other regions.

We need to get some understanding like which other desks in Hong Kong, for example, the next logical step is what dashboard is he already building for the product that's here to be extended over for the Hong Kong use case. For the most part, it's going to be lift-and-drop with minimal changes but then we just need to confirm. May want to look at it in terms of the China bond market, they were looking at something like this in terms of the analytics, so may be check with them.

Gary

The DDOM, the BAP (52:53) is the same one as the Sales one. This is basically for Andrew Ng, It's more around the finance data but also the transaction data that we want to put in.

The next one is data from external internal providers (54:08). This might be rolled in with the Google enhancement one. Sales is now using Brain Box (54:27). As part of the sentiment thing that we want to do for Google, Jimmy was telling us to leverage on Brain Box and build on top of that because they're bringing in all these like news, taggings, so may be we roll that into this one.

The latest on the google one is that on Friday there's going to be a kickoff. However we need to re-pitch our side again because Piyush got confused between what we call sentiment and what Weekiat is already doing the sentiment engine on FX. So ours is now going to be rebranded as the an industry intelligence platform which basically takes all the alternative data that's out there, and looks at news

sources as well, looks at market data, and then uses the google analytics, the ML and the AI capabilities to come up with a view on things for any type of application like it could be for equity wealth product recommendation, or it can be used for corporates to look at when they want to invest in property in Korea and Seoul, the alternative data will show you what the housing market is like there, and all the economics. It has broad applications for giving kind of analytics based on crunching alternative data versus our regular data. That's what we're trying to repitch on Friday. If that’s goes ahead, Jimmy has already asked to get a representative to resource, the work that we will do potentially with Google, will involve the trading side ITT and also the data side ITT. Jimmy has put Thiam Hock as a standing representative in those calls going forward, but Elina's is heavily involved as well, on the back end.

The speech to text one, probably we won't do with Google and it's more likely to be an extension of NLP because Raghav’s next iteration after text to text is going to be speech to text as an application.

This line 13, this is where we want to bring in, because we are building Sales triggers. It is probably a DDOM for Sales, so all the triggers we were saying is basically bringing data in for corporates that we

potentially have as clients that are actually issuing dividends themselves and potentially if they issue bonds, they may be paying out dividends or bonds in a certain currency that needs FX. Therefore, our triggers are going to be based on our information we get from Bloomberg coupled with our internal client data. This is bringing in the Bloomberg access data right and this is where we were speaking to Jeremy Green’s team, Chandra’s desk and apparently they are trying to consolidate all the Bloomberg

access together.

Data champ is part of data transfer we are doing with Kelvin and …(59:37) for next year. Gary is talking to Zen, who is doing some classroom work for her participants next year, so we should leverage on that. **Gary will come back.**

For GraphDB, we weren’t trying to do it as a direct cost. Peter Soh said that for all the infrastructure stuff, we shouldn’t be the one billed, it should be absorbed in ITT and allocated costs to us. **To clarify if this is a direct cost and come back.**