

Supervisor Meeting Minutes 04

Date/Time 19th February 2018, 1.30-2.30pm

Venue SIS building Meeting Room 4.3

Team Attendees Kevin Chong, Lim Yan Ling

Supervisor Prof Meena

Agenda:

1. Update progress of project
2. Clarify queries on project and mid-term deliverables (sandbox and interim report)

S/N	Note/Task	Actor	Follow-up Action
1.	<ul style="list-style-type: none">• Kevin explained that we will be doing forecasting• Researched on time series. Arima method. Auto regressive moving average method• We are using R• Our methodology. Get plot, do moving average. Do decomposition base on methods. Use ADF test.• Tried with daily forecasting on Arima. Japanese yen and dollar. Tried with moving average but not doing well. Tried exponential average as well• We also did differencing• Seasonal trend. Model removes seasonal trend and did the predicting.• Client told us that R does not work. We manage to connect to live brokerage for R. Can get a live rate. Once model is up, we can run it for day. Able to see how much money u can make. Can tell client how much profitability. Platform - validating of model.• Kevin explained rationale for using closing price for forecast. High and low difficulty to forecast. Safer would be to use closing price. Might hit a few times in a min, higher chance of success.		

	<p>Sandbox. Prepare specific questions u want to ask in the presentation</p> <ul style="list-style-type: none"> • Kevin: For Mid-term should we test on more currency pairs, all 5 currency pairs? For EDA, that will be too long, do u have any suggestions on that? • Prof: Just focus on USD and JPY pair. The rest just do a comparison. Moving average. Do a few as well. • Prof: Any plans on the connection to live brokerage with sponsor? • Kevin: We will discuss with client on wed. Can be a simple moving average to buy above or sell below. We will mention it in presentation. Brokerage don't have guides on R 	All	Update client on connection to live brokerage via R programming
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