**FAQ**

***Question*** How do we calculate posusd – using mid-price or the deal price?

***Answer***

Posusd is calculated on following events as follows

* Deal Event

posusd = posusd + qty \* price

If the deal event is a cross with USD eg (AUDUSD), then use the deal event price.

If the deal event is a cross with non USD eg (AUDEUR), then use the market mid-price

* Quote Event

posusd = pos \* market mid-price

***Question*** Can we customize the screen layout or it has to be same as mentioned in the problem statement?

***Answer*** You can customize the screen layout as per your design

***Question*** What do you mean by ‘Flatten the risk’?

***Answer*** This means that you reset the pnl to 0 in the same way you would do when the position changes from long to short and vice versa

***Question*** Age column signifies time duration since position has not changed or pnl has not changed?

***Answer*** It signifies time duration since the position has not changed

***Question*** How do we calculate average execution price if there is no avgSell or avgBuy price?

***Answer*** While using the formulas you need to take care of edge cases, default values, etc.

***Question*** Do we need to pick quotes only for AGG venue and ignore quotes for CITI/RFX?

***Answer*** Yes, that’s correct

***Question*** Test data contains 21 mins of data. Are these events supposed to be simulated/get processed in 21 mins in real world?

***Answer*** Timestamps are telling you how in real life this would be played out. You should decide on how this has to be played as part of your design decision

***Question*** How we should calc the pnl when we have only buy deals or sell deals for a particular currency?

***Answer*** If sell average price is 0,

***Pnl = (absolute posusd) \* (currentMarketMid – Weigted Avg Buy Price***)

If buy average price is 0,

***Pnl = (absolute posusd) \* (Weigted Avg Buy Price – currentMarketMid)***