Hey guys, Kai here. Sorry I have not been as active as I would have liked, I was sick and working so it was a long week for me. However, it’s time to get serious so let’s get started.

Our data set is DS103 - [Internet of Things Coins Historical Prices](https://www.kaggle.com/datasets/eisgandar/internet-of-things-coins-historical-prices?resource=download&select=Bitcoin+CZ.csv)

In terms of the presentation in lecture 4 it says we can do this next Monday in a tutorial, and this will be done by one person for the group.

I think we should start by assigning roles identified in lecture 2

Data Analysis –

Research –

Visualisation –

Writing –

Project Management –

For the Research question I propose 5 types of questions, feel free to add more in our group:

1. **Market Behaviour Analysis** – something like “How do historical price trends of IoT cryptocurrencies correlate with general market movements or significant events in the IoT industry?”
2. **Comparative Analysis Across IoT Coins** – something like “What are the similarities and differences in volatility and average returns among different IoT cryptocurrencies over the past years?”
3. **Seasonality or Temporal Patterns** – something like “Are there seasonal or recurring temporal patterns in the price movements of IoT cryptocurrencies?”
4. **Impact of External Events on IoT Coins** – something like “How did specific global or industry-specific events impact the price volatility of IoT cryptocurrencies?”
5. **Investment Value Assessment of IoT Coins Over Time** – something like “How has the investment value of IoT cryptocurrencies evolved compared to other sectors or the overall cryptocurrency market?”

I personally think the better question is number (3) as we can do a lot of the roles quite easily and draw a lot of conclusions. Number (2) is not bad either but my vote would be on (2)

**Remember we are using R for all of the data stuff not python**.

When is a day and time we can meet up once a week?

I am going to start a slack group so that we can show our communication on there. It will be good to get used to slack. I think I have everyone but Aqsa so I will get her added shortly onto the slack group

Can everyone drop their university emails so that we can collaborate much more easily on documents

I also think we should start a collaborative github repository to demonstrate good version control, after grabbing everyone’s email this will make it a lot easier to get stated.

**In conclusion,** please read everything and see if you agree. Look at the data set, if you want to do a specific role let’s talk and assign roles, please give your university email in the chat, moving forward we should communicate using slack (in my undergrad at herts we were graded on communication so they would like us to use this I think) and finally give a day and time where we can meet up for regular meetings together.