**HOMEWORK WEEK2**

This week’s homework will be purely Project based. You need to work as a group and the homework will be submitted by one of the members of your group. List the other members of your group in the document, so that your instructor can mark every student.

1. Your group needs to decide what kind of project you are going to work on and lock in your decision.

2. You need to submit a free style paper that describes your project on a high level. Please cover the following questions:

Team Members: Dáre Soniran, Mhai Kunchorn, Noor Syed, Kristen Meder

**1. What kind of data research and analysis are you going to take on?**

Researching cryptocurrency and crypto API data and social media data to view if there is any correlation between price level or price volatility and social media chatter volume for various Bitcoins.

**2. What industry or areas does it cover?**

Finance/Fintech

**3. What questions are you planning to answer?**

Is there a correlation between social media and price fluctuation? How high is the correlation?

**4. What data sources are you planning to use?**

LunarCrush API, supplementary cryptocurrency APIs

5. **Describe the team approach to the project work**: how are you planning to distribute the workload, how are you managing your code, how are you planning to work on your project?

We have broken it out by specific Bitcoins for each person to focus on, with weekly team meetings to discuss what we’ve been working on, obstacles faced, and where we want to go. We are also collaborating on individual coding as we go along.