**Introduction**

(after call: send brief blurb about who you are, and what your passions are…, inlcude LinkedIn Profile)

* Anand will provide initial leadership, but will phase himself out as the project progresses.
* Use general DataSci life cycle moving forward.
  + <https://www.datasciencecentral.com/profiles/blogs/life-cycle-of-data-science-projects?xg_source=activity>
* Agile: <https://www.youtube.com/results?search_query=agile>
  + Keep weekly sprint
  + Check in with team - Raghav will lead this
  + Daily status updates - Raghav

**Deliverable 1: lowtech demo presentation**

**Deliverable 2: Newsbot (all points bellow should be user customized) -- we will start with crypto, and eventually expand to consider other asset classes. Bot will feed all relevant info to begin with, eventually user can filter their selected relevant data.**

1. Define the problem for the newsbot -- look over Trello for structure’s proposed schema
   1. Key: newsbot is ‘user’ driven
   2. User selects asset by class
      1. If user selects a ticker, bot should filter up to asset class
         1. Should provide a newsfeed based on ‘similartiy’
   3. If user selects in global terms
      * 1. Further refinements should influence newsfeed based on filtering granularity
2. Newbot is a widget
   1. Click and drag into the newsfeed itself
3. Constructing a search (user dicated search)
   1. User input
   2. By date, by stock, by name, by reported
4. Serach should be able to use logical arguments
   1. Ex: “fraking” AND “New Zealand”
5. Should consider a recommendation system
   1. NLP
   2. Should give sources
      1. Source validation
         1. Perhaps create list = [white listed sources]
   3. Click through rates
   4. Popularity
   5. Sharing
6. New window is produced, and is delived within the newsbot.
   1. Should be interactive with itself
7. Should have urgency codes
   1. If market moving, alarms should be pinged
8. Should be able to track user statistics
   1. Should learn from user behaviour to improve itself
9. Bot should perform recurrent scrapping based on html hyperlinks.
10. Bot will eventually predict tickers of interst per user and provide information prior to user thinking about it -- recommender system

**Notes:**

1. news dynamically influence the market.

**Concerns:**

1. qualtiy of data, not neceserally the way it is presented
2. Focus on the core community
3. Goal is not to be bloomberg, the goal is to target nieche markets, and expand from there.

**Delivearble 3: Derivatives data product**

1. Define problem of databot
2. Use product defintion to enrich the data
   1. Clean data according to rules -- by Anand
3. Convert data, so that it is fed into a data bot (that is data is dynamically updated)
4. Bot will detect ‘relevant’ derivative information
   1. Automatically rank importance of new info
   2. Alert user based on user preferences
   3. Alert user based on market influencing trades

**Notes:**

**Concerns:**