

# Analyzing and predicting the areas/industries, which are grabbing investor's attention

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# Problems and concerns

- Large number of inexperienced and immature investors
- They want to invest in stock market/industries/startups
- Where to invest?
- Whom to ask?
- How much do they charge just to give you this guidance?

# Approach

- Why not follow top investors!
- Analyze recent activities of top individual investors and investing companies
- Looking into details about their
  - recent tweets
  - whom they have recently followed
- Evaluate data to find common list of interest
- Predict trending industries
- Cross check findings by real time stock market data

# Data Collection

- Need to collect list of leading investors and find their twitter screen-names (by forbes list, [Israel Investors](#), [South East Asia Investors](#) etc.)
  - Investing companies like: Berkshire Hathaway, Goldman Sachs etc.
- Use twitter API to:
  - Collect recent 200 tweets for them
    - Text, user, created\_at, retweeted, coordinates
  - Collect last 50 pages/people/companies they followed, friends of them
    - Collect details about all these pages

# Timeline

- 10/26 : Project proposal discussion and refining if needed
- 11/04 : Data collection and filtering
- 11/16 : Sentiment and lexicon analysis of investor's tweets and following activities
- 11/23 : Developing a model to fit our analysis, get results of common interest of investors
- 11/30 : Cross check results with current real time stock prices
- 12/02 : Final Presentation