

Big Data Project Proposal

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1. **Title:** Portfolio/Asset management

2. **Abstract of project:** There are thousands of firms out there in world which are listed on NASDAQ, if any one wants to invest a huge amount of money over a period, what companies he/she going to choose. I'd like to create a portfolio management that will give customer list of companies as per his interest using machine learning/big data and with the help of sentiment analysis give feedback to customer about current trend in market for company's stock.

3. **3 possible data source URL:**
 - a. <https://www.kaggle.com/bindubalusu/stock-market>
 - b. <https://finance.yahoo.com/quote/%5EGSPC/history/>
 - c. <https://datahub.io/core/s-and-p-500-companies>

4. **Expected types of algorithm:**
 - a. K means
 - b. K-nearest algorithm
 - c. CNN (convoluted neural network)

5. **Which domain or type of big data problems does your project address:** This project will address the problem of financial domain