

---

# PROOF OF CONCEPT PLAN

Capstone 4ZP6  
Fashion Trends Analytics

Prepared by Team JAZZ MEN

Anagh Goswami 1217426  
Meet Pandya 1214306  
Jasman Gill 1211554  
Jesse Truong 1222722  
Jia Xu 1213268

October 26, 2016

Datasets (cover typical application scenario from real world to widely used)  
Performance Metrics (latency, throughput, accuracy)

- Accuracy in terms of how well the website works
- Maximum occupancy
  - Response time
  - How fast the web page loads for the users

Risks in your project (think this together with the proof of concept demo)

- We can't develop an accurate algorithm
  - Solution: put more effort into researching of already working algorithms and work from there
- Web crawling
  - Finding the needed information on a website
  - Can be hard to differentiate between useful information and extra jumble
  - Information will be organized in a different manner across all the websites. This causes a problem with how to do unified web crawling of the data with one generic crawling algorithm.
  - The keywords that we are using to scrape data from sites might not be the most optimal syntax, since there are many ways for a website to describe their
- If there isn't enough information available for us to find a reliable trend
  - Solution: switch industries and try a different topic
- What type of crawling we will be doing?
  - Whether it is graphical for the images of clothes? Or crawling the data-text, for ex: crawling through the text on a page and then interpret the data in an understandable manner.
  - We run in the risk of having difficulty with data crawling to begin with and how to crawl through multiple websites designed in their own unique way.
  - Potential risk is the web crawling algorithm only works on a particular website.
    - \* Solution: make an algorithm that works on multiple websites efficiently. Algorithm which can also be applied to fashion websites that were never part of this project's scope.