### **[Week 2 Part 2 - Assignment](https://bbhosted.cuny.edu/webapps/assignment/uploadAssignment?content_id=_35146915_1&course_id=_1553453_1&group_id=&mode=view)**

For this assignment we would like to work with Marvel Super Heroes Data from <https://www.kaggle.com/csanhueza/the-marvel-universe-social-network/data>

Since the above dataset does not have categorical data, we would like to use another source to collect a categorical variable to above dataset. We would collect gender information for our Superheroes dataset. For collection this information we would employ one or more of following techniques:

1. Developer.marvel.com API
2. Web Scraping of <http://marvel.wikia.com/wiki/Marvel_Database> and already available webscraped data on Github: <https://raw.githubusercontent.com/fivethirtyeight/data/master/comic-characters/marvel-wikia-data.csv>
3. Gender-guesser Python Library

Once the gender data is available, we would like to measure the centrality, particularly closeness and betweenness of the two genders. We would also compare the average degree between the two genders and see how and what role Gender plays in Marvel Universe using network analysis.

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