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CSC 222

Project 4

4/24/15

Facebook Interactions

1. The most interacted user is 83b9c07bb77a33d9740f3bc8c30cacc066d5192d with 28 interactions.

2. Depending on how interactions are counted, the average could be two different numbers .

Counting the interactions as the number of edges gives the following average: 4.10243902439

Counting the interactions as two interactions for every edge gives the following average: 2.0512195122

3. There are 301 number of users in the largest subgroup.

WFU WWW Network

1. The web page with the largest number of links within it, is [http://college.wfu.edu](http://college.wfu.edu/) .

2. The web page with the most links from other web pages is [http://www](http://www/) .

3. The largest cycle has a size of 148.

Bonus

There is no path present from [www.wfu.edu](http://www.wfu.edu/) to csweb.cs.wfu.edu. This was confirmed with depth first search from [www.wfu.edu](http://www.wfu.edu/) as well as by using the bellman ford algorithm to find the node.