CSE 6331 Cloud Computing Programming
Assignment 3: Introduction to AWS
Due: October 5, 2014, 23:00 (UTA time)
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Project Description:

1. Time to copy the following file to AWS S3 from local machine:
   a. Per Capita Income Excel File (us-pci.xls): 0.019533 seconds
   b. University Information (HD2013.xls): 0.269477 seconds
   The files were copied to AWS S3 using python code. The uploadS3.py files is attached

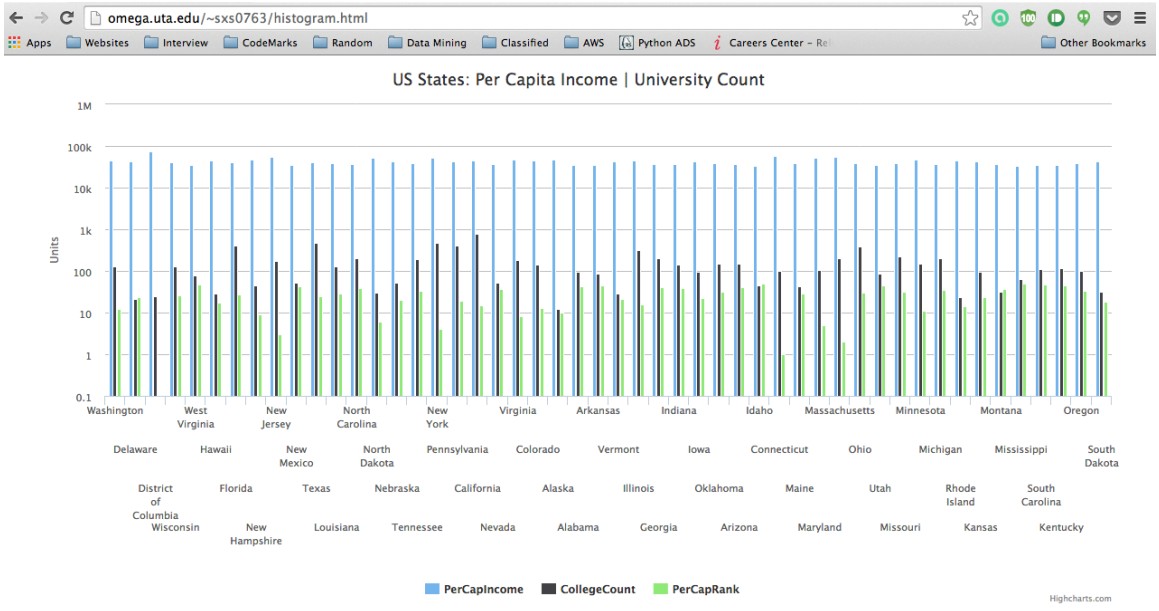
2. Time to put data in AWS RDS for the following file data from local machine:
   a. Per Capita Income Excel File (us-pci.xls): 0.1490 seconds
   b. University Information (HD2013.xls): 7.12 seconds
   The data was put in the RDS using My SQL workbench.

3. rds.py file contains the code to compute whether the states with the highest per capita income are the states with highest number of universities. The file outputs a cvs.

4. The output cvs file is mycvsfile.cvs, which can be then plotted on a bar chart using HighChart JS library.

5. The Bar Chart has be uploaded on the Omega Server:
   http://omega.uta.edu/~sxs0763/histogram.html

6. Below is its representation. Kindly use the above link for better representation.



References:

1. https://boto.readthedocs.org/en/latest/rds_tut.html
2. https://boto.readthedocs.org/en/latest/s3_tut.html
3. http://www.tutorialspoint.com/python/python_database_access.htm
4. http://www.highcharts.com/docs/working-with-data/preprocessing-data-from-a-file-csv-xml-json