CSCI4795 Spring 2019 Cloud Computing PA#5

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

UGA Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions: Fill in your answers to the 3 questions and SUBMIT A PDF to eLC (along with your code)**

1. Describe your VM instance specification. e.g., # of CPUs, Size of memory, and storage size. Please describe your justification why you create that specific VM instance.
2. Top 5 most frequently used hashtags related to “UGA’s Spring 2019 graduation commencement”
   1. Please describe the list of hashtags and their statistics. Please explain why you determine these hashtags are related to “Spring 2019 graduation commencement” Note that the list of hashtags should not include #godawgs, #uga, #ugabulldogs, and #universityofgeorgia.
   2. Please draw time series graph(s), representing the frequency of top 5 hashtags
   3. Please attach your mapper and reducer here and explain your algorithm

**ALSO attach your mappers and reducers to your eLC submission (ZIP format).**

1. Top 3 most influencers on Instagram regarding “UGA’s Spring 2019 graduation commencement”
   1. Please describe the list of influencers and their statistics. Please provide an explanation why these people have high impact on “Spring 2019 graduation commencement”
   2. Please draw time series graph(s), representing the frequency of top 3 most influencers
   3. Please attach your mapper and reducer here and explain your algorithm

**ALSO attach your mappers and reducers to your eLC submission (ZIP format).**

1. Find any interesting statistics related to “UGA’s Spring 2019 graduation commencement”
   1. Please describe your “interesting finding” from dataset. The finding should be relevant to “Spring 2019 graduation commencement”
   2. Please draw time series graph(s), visualizing your findings
   3. Please attach your mapper and reducer here and explain your algorithm

**ALSO attach your mappers and reducers to your eLC submission (ZIP format).**