

CIS*4010 Cloud Computing

Assignment 4: Exploration and Fun!

In this class we have looked at 3 cloud platforms: AWS, Azure, and Google Cloud. We have also looked at some of the popular functions on those platforms including storage, VM instances, serverless functions, and some PaaS offerings from AWS and Azure (image processing, AI, text processing, etc.)

For this assignment to end assignment portion of the course, you are to explore the Cloud landscape looking for other platforms and/or other services on the three platforms studied that were not mentioned in the course.

If you are using a new platform then you should either

1. adapt one of the previous assignments to work on this new platform
2. if the system is very specialized like DWave then take one of their tutorials or demos, get it working and then add to it to do something interesting

If you are using one of the three platforms covered in class but are using a service or feature that we did not cover then you should either

1. take one of their tutorials or demos, get it working and then add to it to do something interesting
2. use this service or feature to do something that you always wanted to do or something that fits into some other project or assignment that you are doing independently or in another course.

Yes there is a great deal of choice in this assignment and you are probably thinking, “just what does she want?” but honestly, the assignment will be graded generously if you document what you are doing and you show some imagination and/or interest in what you have chosen to do.

Trust yourself and follow your interests and explore!

What do you need to hand in? In the A4 GitLab repo put all source code/scripts and a README file that explains how to run your code. Also put a small document (text or PDF) explaining what you did, why you did it, and what you learned. This report does not need to be more than 2 pages in length.