CSP 554—Big Data Technologies

Assignment #1 (Modules 01a & 01b, 12 points)

Q3)(2 points) Submit very brief answers (or bullet points) to the following questions:

- **What location or time zone are you in when you attend the course?**
  - Location: Chicago, Illinois.
  - Time Zone: CDT
- **Describe any prior experience you might have with use of public cloud, data mining, machine learning, statistics, data science and big data.**
  - I have previously worked in Accenture on web Development where I have used Azure SQL.
- **Share any big data interests and personal learning goals for the course.**
  - My personal goal is to become an ML Engineer I want to learn how the large data are handled and valuable insights are gathered and used to solve the real world problems
- **Indicate if there are additional topics in the scope of the course of special interest to you**
  - I am relatively new to Big data as of now the syllabus which was published is good.
- **Do you have any anticipated personal issues such as expected absences or other necessary accommodations with course impact? (Of course, these will be held in strictest confidence.)**
  - No.

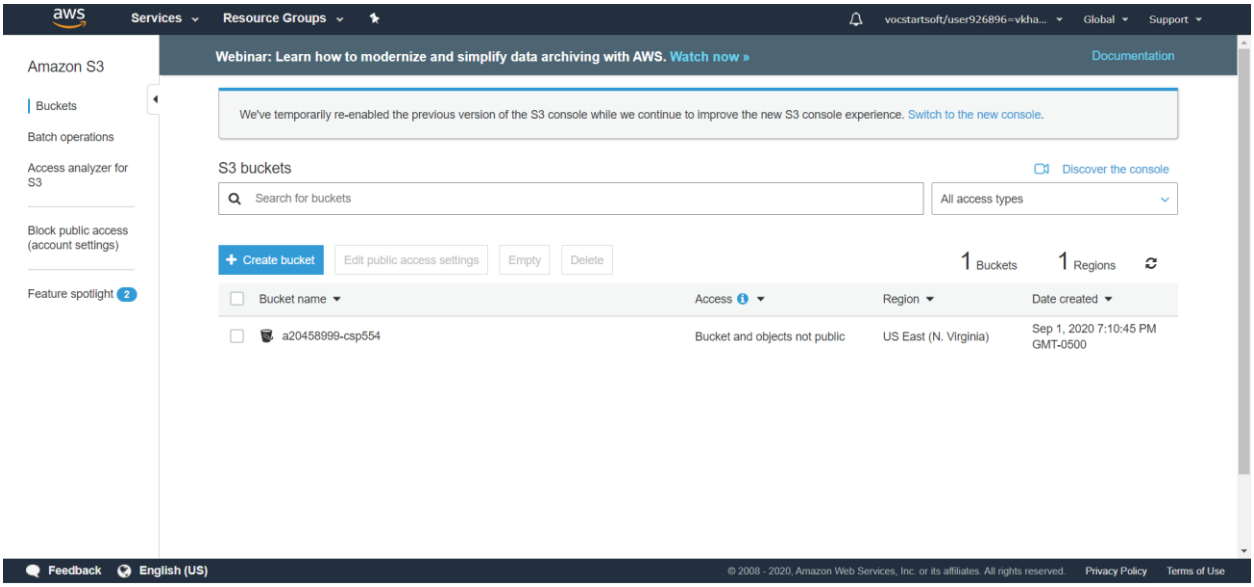
Q5)(5 points) Answer each of the following questions about the article in just one to three sentences each:

- **What was the problem with the Google flu detection algorithm?**
  - It was predicting double the cases than what the CDC is predicting.
- **What is big data hubris?**
  - To think Big Data is substitute to traditional data collection and analysis rather than supplement is called Big Data hubris.
- **What approach could have been used to improve the Google flu detection algorithm?**
  - By combining Google flu detection Algorithm, lagged CDC data and dynamically recalibrating GFT, we can improve on the performance of Google flu detection
- **What is "algorithm dynamics?"**
  - Algorithm dynamics are the changes made by engineers to improve the commercial service and by consumers in using that service

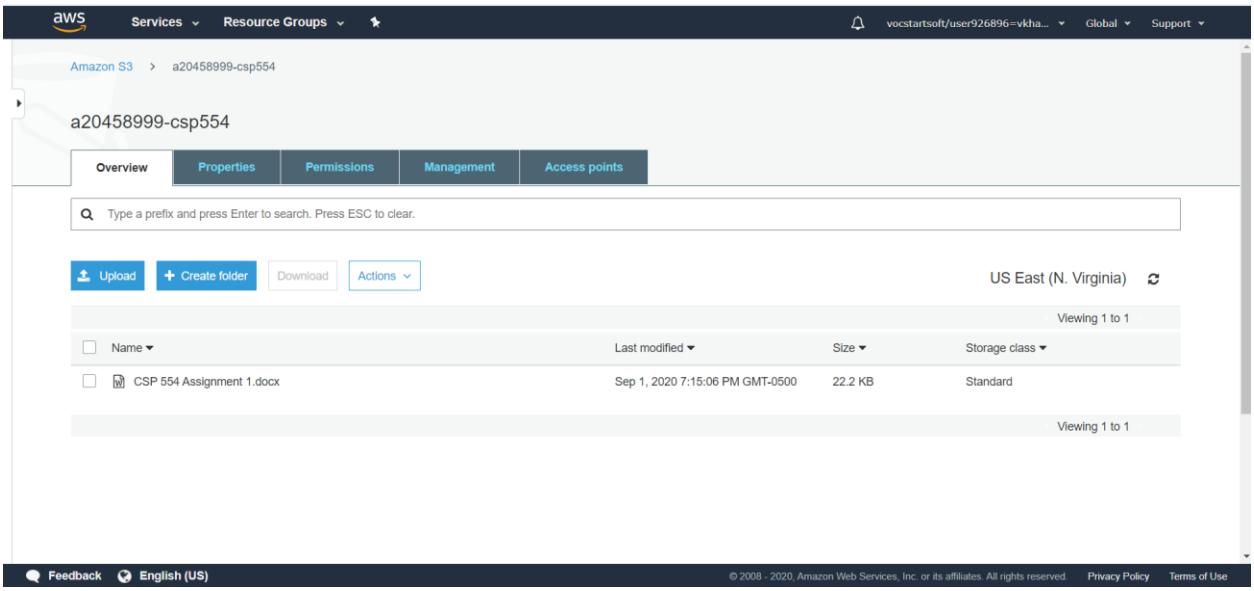
- **What aspect of algorithm dynamics impacted the Google flu detection algorithm?**
    - The important change is blue team dynamics—where the algorithm producing the data has been modified by the service provider in accordance with their business model. Google stated it has modified its search results to provide suggested additional search terms which improved efficiency of Google flu detection

Q6

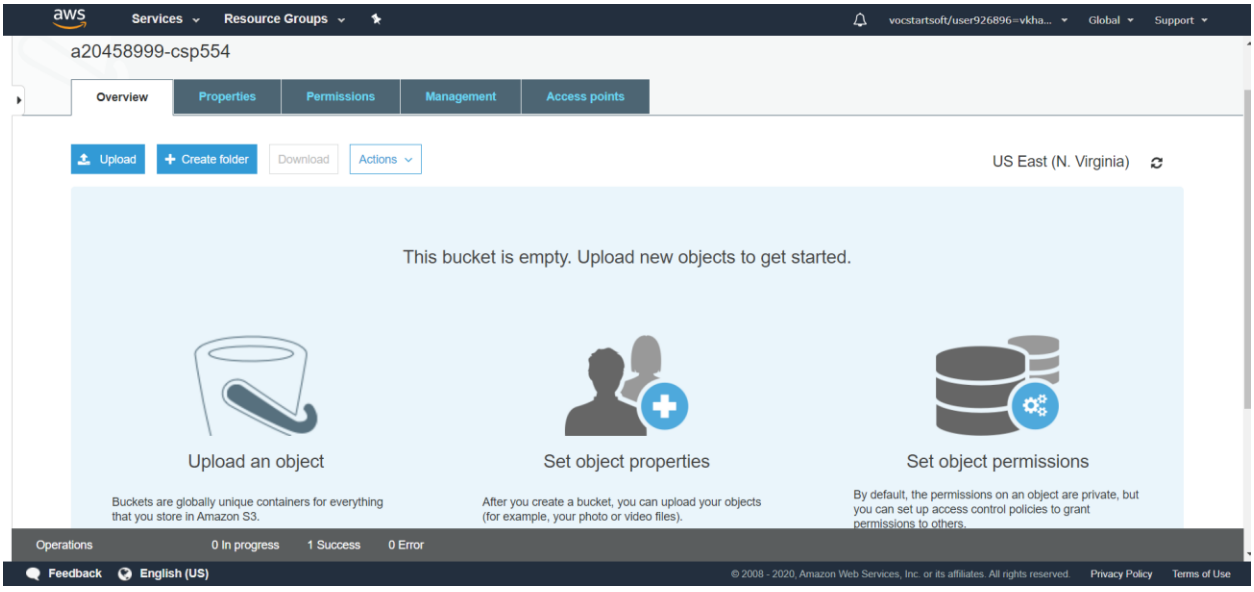
Bucket Creation:



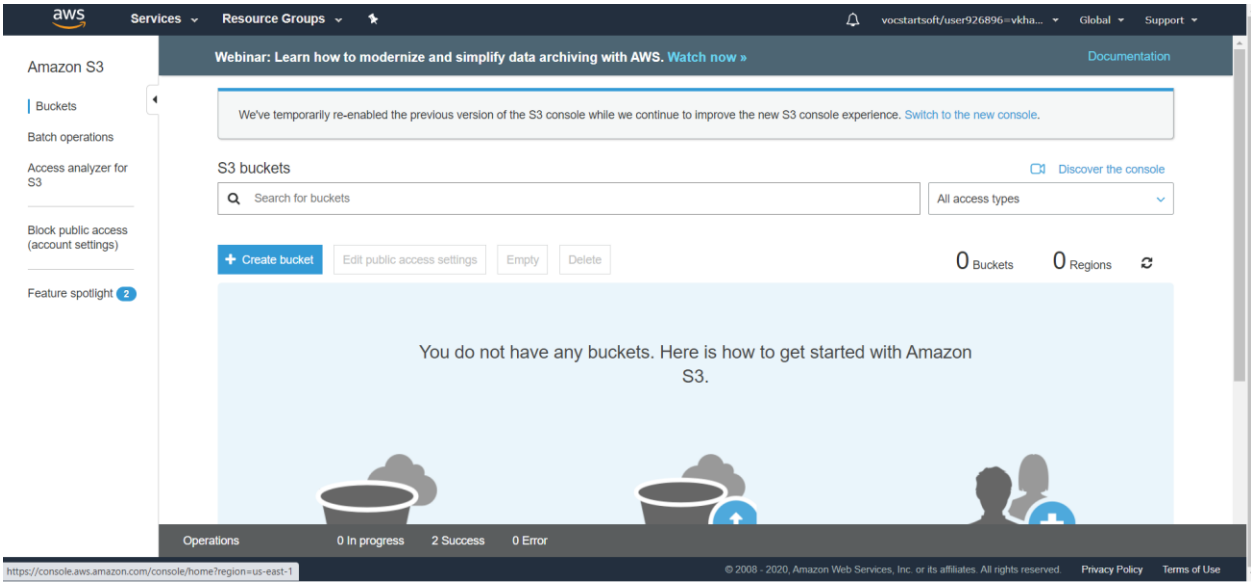
Object Upload:



Object Deletion:



Bucket Deletion:


aws
Services
Resource Groups
vocstartsoft/user926896=vkha...
Global
Support
Amazon S3
Webinar: Learn how to modernize and simplify data archiving with AWS. Watch now »
Documentation
Buckets
Batch operations
Access analyzer for S3
Block public access (account settings)
Feature spotlight 2
We've temporarily re-enabled the previous version of the S3 console while we continue to improve the new S3 console experience. Switch to the new console.
S3 buckets
Discover the console
Search for buckets
All access types
Create bucket
Edit public access settings
Empty
Delete
0 Buckets
0 Regions
You do not have any buckets. Here is how to get started with Amazon S3.
Operations
0 In progress
2 Success
0 Error
https://console.aws.amazon.com/console/home?region=us-east-1
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