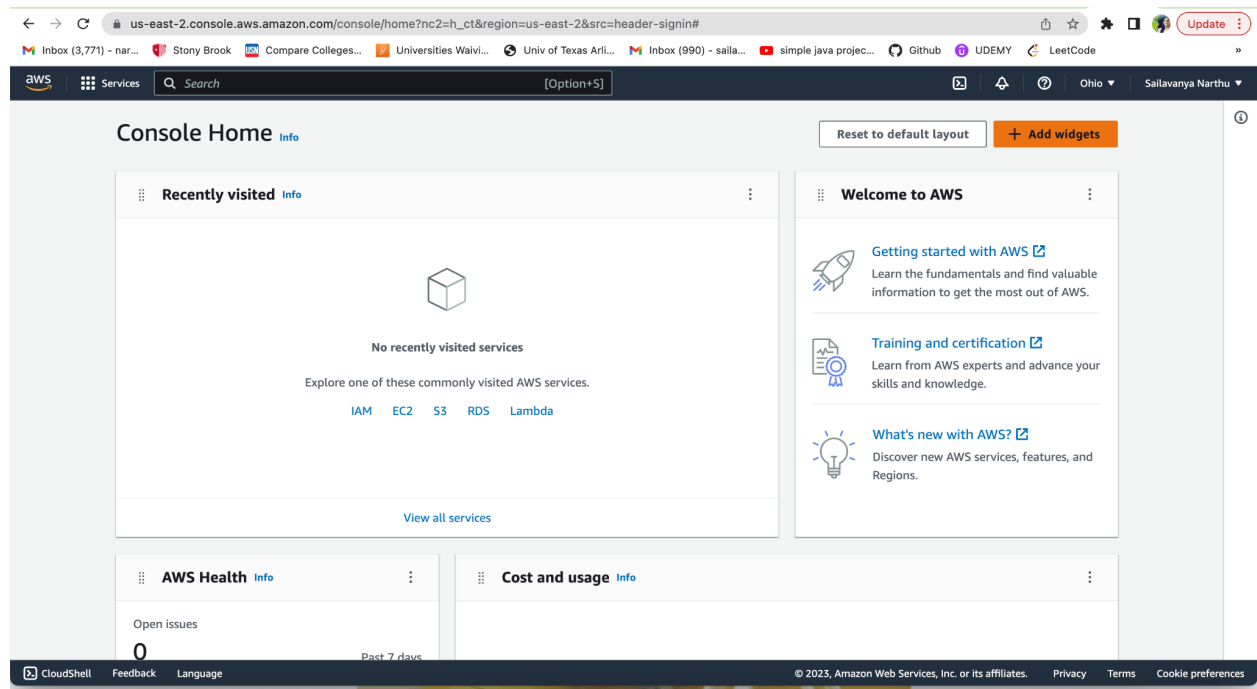


## Big Data - Assignment-1

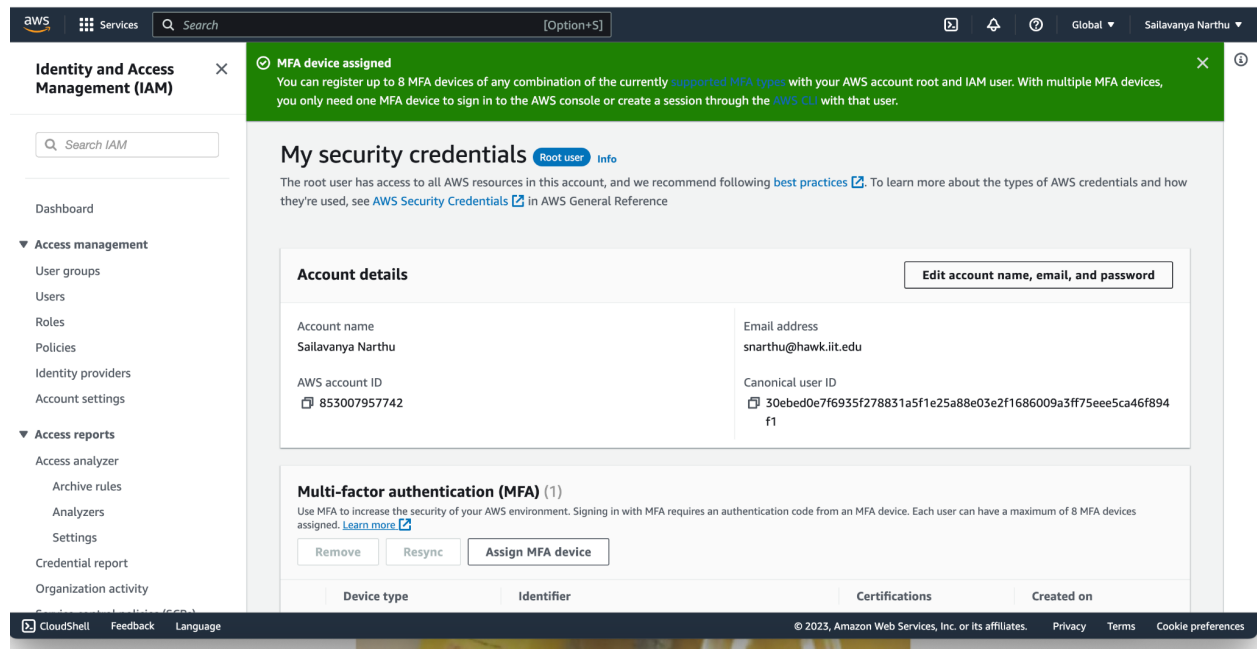
### 4 Question

- a. Google Flu detection was a Google web service. The problem with Google Flu Detection Algorithm was that it predicted over double the number of doctor visits for influenza-like illnesses than the Organisation for Disease Control and Prevention (CDC) based on approximate information from laboratories across the United States.
- b. Big Data Hubris is the widely held belief that big data is a replacement for, rather than a supplement to, traditional data collecting and analysis. However, just because there is a large amount of data does not mean that one can ignore fundamental measurement difficulties and construct validity, reliability, and connections between data.
- c. We can exceed GFT or the CDC on their own by combining lagged CDC data with Google's flu trends projections and tweaking GFT. Also, the notion of algorithm dynamics must be very accurate because it is one of the key methods that cause the algorithm to present erroneous data, resulting in a large proportion of mistake.
- d. Algorithm dynamics refers to both the modifications that developers make to a company's service and the changes clients make while using it. Algorithm dynamism matters because it allows the algorithm to adapt to new shifts depending on developments in society over time.
- e. Algorithm dynamics have an impact on the Google flu detection algorithm, as GFT acts improperly by giving an unstable reflection of the flu's prevalence. GFT's concept is based on the relative popularity of search words. Algorithm improvements may have a negative impact on GFT estimates.

## 5 Question - main page of the AWS management console page

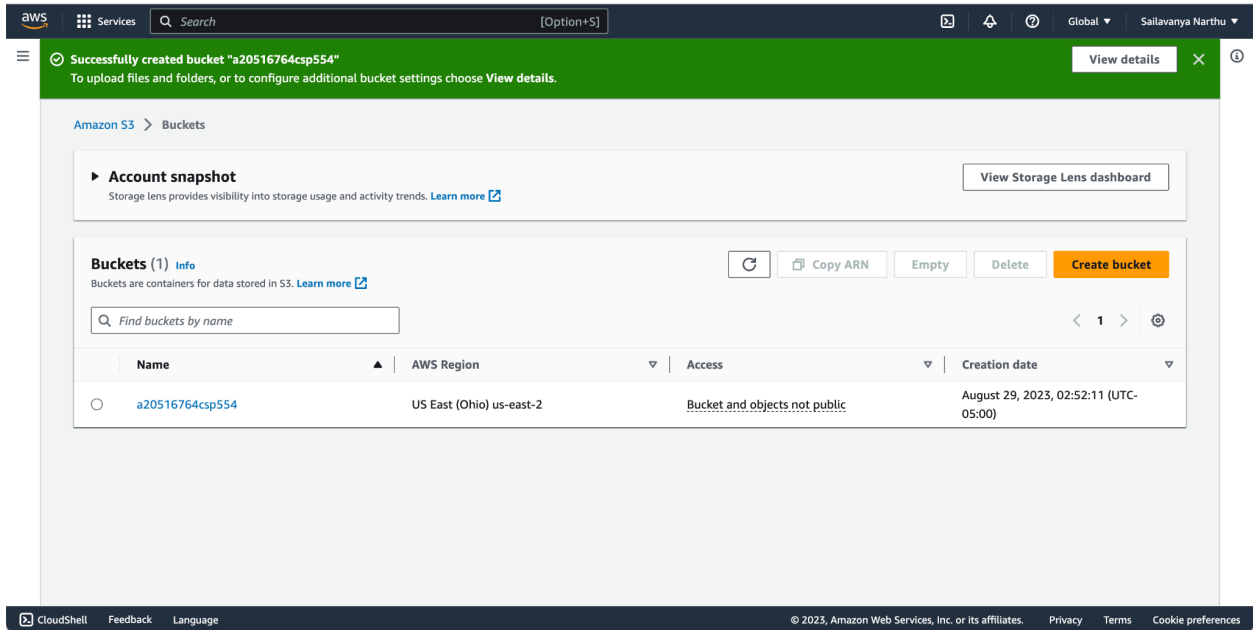


## MFA Device assigned

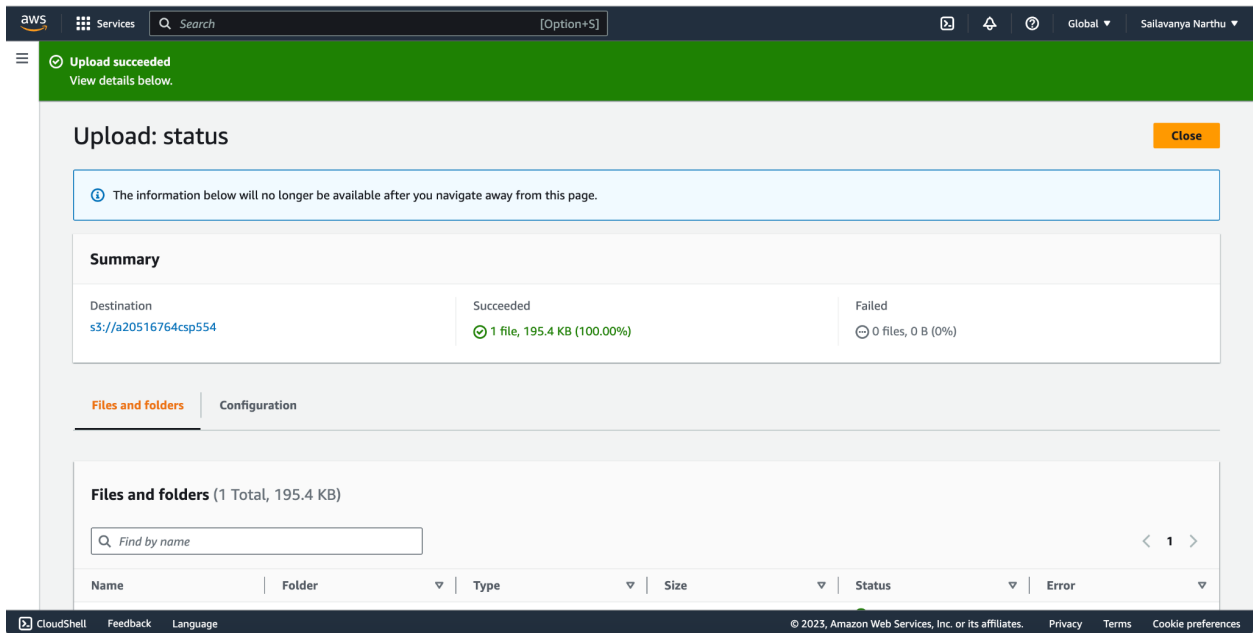


## 6 Question

To create a bucket:



To upload an object to a bucket:



To empty a bucket:

The screenshot shows the AWS console interface. At the top, a green banner indicates 'Successfully emptied bucket "a20516764csp554"'. Below this, the 'Empty bucket: status' page is displayed. It includes a summary section with the following data:

Source	Successfully deleted	Failed to delete
s3://a20516764csp554	1 object, 195.4 KB	0 objects

Below the summary, there is a section for 'Failed to delete (0)' objects, which is currently empty. The footer of the console shows the year 2023 and the user 'Sailavanya Narthu'.

Deleting your bucket:

The screenshot shows the AWS console after a bucket has been deleted. A green banner at the top states 'Successfully deleted bucket "a20516764csp554"'. The main content area displays the 'Amazon S3' landing page, which includes the text 'Store and retrieve any amount of data from anywhere' and a 'Create a bucket' button. The footer of the console shows the year 2023 and the user 'Sailavanya Narthu'.

Submitted by:-  
Sailavanya Narthu  
A20516764