

Cloud Computing Lab Report Week - 9

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Semester - 6 Section - D

Roll No.: 6

9a.

The screenshot shows the AWS S3 console interface. At the top, a green banner indicates "Upload succeeded" with a link to "View details below." Below this, a message states: "The information below will no longer be available after you navigate away from this page." The main content area is divided into two tabs: "Files and folders" (selected) and "Configuration". Under "Files and folders", it shows "2 Total, 11.3 MB". A search bar is present. Below the search bar is a table with the following data:

Name	Folder	Type	Size	Status	Error
food_establishment_data.csv	-	-	11.3 MB	Succeeded	-
health_violations.py	-	text/plain	2.0 KB	Succeeded	-

9b.

The screenshot shows the AWS EMR console interface. The cluster "My-cluster-PES1201800102" is in a "Running" state. The left sidebar shows the navigation menu with "Amazon EMR" selected. The main content area has tabs for "Summary", "Application user interfaces", "Monitoring", "Hardware", "Configurations", "Events", "Steps", and "Bootstrap actions". The "Summary" tab is active, displaying the following information:

- ID:** j-30YTSXHTFJJ18
- Creation date:** 2021-03-23 22:57 (UTC+5:30)
- Elapsed time:** 6 minutes
- After last step completes:** Cluster waits
- Termination protection:** Off [Change](#)
- Tags:** -- [View All](#) / [Edit](#)
- Master public DNS:** ec2-54-159-85-146.compute-1.amazonaws.com [Connect to the Master Node Using SSH](#)
- Release label:** emr-6.2.0
- Hadoop distribution:** Amazon
- Applications:** Spark 3.0.1, Zeppelin 0.9.0
- Log URI:** s3://pes1201800102-bucket/logs/ [View](#)
- EMRFS consistent view:** Disabled
- Custom AMI ID:** --
- Availability zone:** us-east-1d
- Subnet ID:** subnet-a118bfe [View](#)
- Master:** Running 1 m5.xlarge
- Core:** Running 2 m5.xlarge
- Task:** --
- Cluster scaling:** Not enabled

Under "Application user interfaces", it shows "Persistent user interfaces" with links for "Spark history server", "YARN timeline server", "On-cluster user interfaces" (Not Enabled), and "Enable an SSH Connection".

Under "Security and access", it shows:

- Key name:** pes1201800102_week9
- EC2 instance profile:** EMR_EC2_DefaultRole
- EMR role:** EMR_DefaultRole
- Visible to all users:** All [Change](#)

9c.

Clone Terminate AWS CLI export

Cluster: My-cluster-PES1201800102 **Waiting** Cluster ready after last step completed.

Summary Application user interfaces Monitoring Hardware Configurations Events **Steps** Bootstrap actions

Concurrency: 1 [Change](#)

After last step completes: Cluster waits

[Add step](#) [Clone step](#) [Cancel step](#)

View Jobs in the Application History Tab

Filter: All steps Filter steps ... 2 steps (all loaded)

ID	Name	Status	Start time (UTC+5:30)	Elapsed time	Log files
s-2T152800645J2	Spark application	Running	2021-03-23 23:07 (UTC+5:30)	45 seconds	View logs
<p>JAR location : command-runner.jar</p> <p>Main class : None</p> <p>Arguments : spark-submit --deploy-mode cluster s3://pes1201800102-bucket/health_violations.py --data_source s3://pes1201800102-bucket/food_establishment_data.csv --output_uri s3://pes1201800102-bucket/myOutputFolder</p> <p>Action on failure: Continue</p>					
s-FABITC05MCYY	Setup hadoop debugging	Completed	2021-03-23 23:03 (UTC+5:30)	6 seconds	View logs

9d.

Amazon S3

Amazon S3 > pes1201800102-bucket > myOutputFolder/

myOutputFolder/ [Copy S3 URI](#)

Objects Properties

Objects (2)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

[Refresh](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	_SUCCESS	-	March 23, 2021, 23:08:33 (UTC+05:30)	0 B	Standard
<input type="checkbox"/>	part-00000-78d31f77-1d2f-43d7-a3af-13c5b7e6447d-c000.csv	csv	March 23, 2021, 23:08:33 (UTC+05:30)	219.0 B	Standard