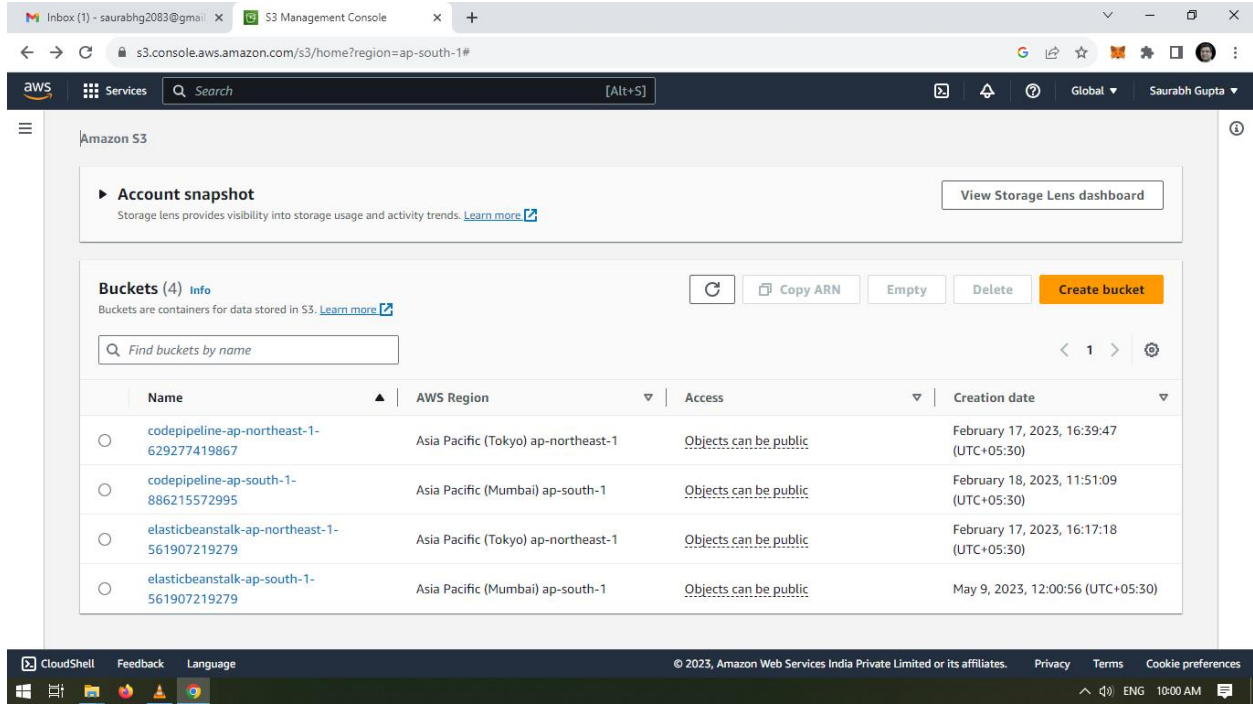
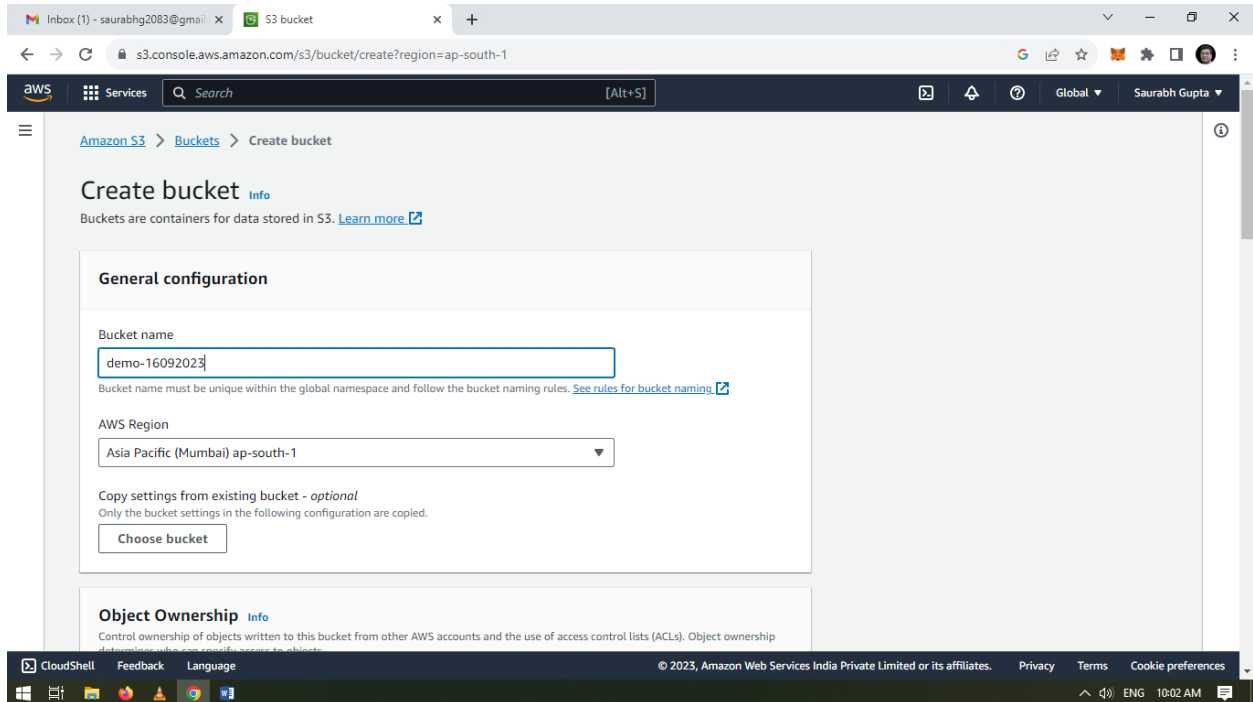


S3 Bucket



Create Bucket



Bucket Created

Successfully created bucket "demo-16092023"
To upload files and folders, or to configure additional bucket settings choose [View details](#).

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

Buckets (5) Info

Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

Name	AWS Region	Access	Creation date
codepipeline-ap-northeast-1-629277419867	Asia Pacific (Tokyo) ap-northeast-1	Objects can be public	February 17, 2023, 16:39:47 (UTC+05:30)
codepipeline-ap-south-1-886215572995	Asia Pacific (Mumbai) ap-south-1	Objects can be public	February 18, 2023, 11:51:09 (UTC+05:30)
demo-16092023	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	September 17, 2023, 10:05:46 (UTC+05:30)
elasticbeanstalk-ap-northeast-1-561907219279	Asia Pacific (Tokyo) ap-northeast-1	Objects can be public	February 17, 2023, 16:17:18 (UTC+05:30)
elasticbeanstalk-ap-south-1-561907219279	Asia Pacific (Mumbai) ap-south-1	Objects can be public	May 9, 2023, 12:00:56 (UTC+05:30)

demo-16092023 Info

Objects (0)

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](#)

Find objects by prefix

No objects
You don't have any objects in this bucket.

Upload

Inbox (1) - saurabhg2083@gmail x S3 Management Console x +

s3.console.aws.amazon.com/s3/upload/demo-16092023?region=ap-south-1

aws Services Search [Alt+S] Global Saurabh Gupta

Uploading 36% Cancel

Total remaining: 2 files: 6.9 MB(64.39%)
 Estimated time remaining: a few seconds
 Transfer rate: 546.1 KB/s

Upload: status Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination s3://demo-16092023	Succeeded 6 files, 3.8 MB (35.61%)	Failed 0 files, 0 B (0%)
-----------------------------------	---------------------------------------	-----------------------------

[Files and folders](#) | [Configuration](#)

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences ENG 10:06 AM

Inbox (1) - saurabhg2083@gmail x S3 Management Console x +

s3.console.aws.amazon.com/s3/upload/demo-16092023?region=ap-south-1

aws Services Search [Alt+S] Global Saurabh Gupta

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (8 Total, 10.7 MB)

Remove Add files Add folder

All files and folders in this table will be uploaded.

Find by name < 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	MavenMarket_Calen...	-	text/csv	7.8 KB
<input type="checkbox"/>	MavenMarket_Custo...	-	text/csv	1.5 MB
<input type="checkbox"/>	MavenMarket_Produ...	-	text/csv	101.8 KB
<input type="checkbox"/>	MavenMarket_Regio...	-	text/csv	2.8 KB
<input type="checkbox"/>	MavenMarket_Retur...	-	text/csv	138.2 KB
<input type="checkbox"/>	MavenMarket_Store...	-	text/csv	2.8 KB
<input type="checkbox"/>	MavenMarket_Trans...	-	text/csv	2.9 MB
<input type="checkbox"/>	MavenMarket_Trans...	-	text/csv	6.1 MB

Destination

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences ENG 10:05 AM

Inbox (1) - saurabhg2083@gmail x S3 Management Console x +

s3.console.aws.amazon.com/s3/upload/demo-16092023?region=ap-south-1

aws Services Search [Alt+S] Global Saurabh Gupta

Uploading 36% Cancel

Total remaining: 2 files: 6.9 MB(64.39%)
Estimated time remaining: a few seconds
Transfer rate: 546.1 KB/s

Upload: status

The information below will no longer be available after you navigate away from this page.

Summary		
Destination s3://demo-16092023	Succeeded 6 files, 3.8 MB (35.61%)	Failed 0 files, 0 B (0%)

Files and folders Configuration

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences ENG 10:06 AM

Inbox (1) - saurabhg2083@gmail x S3 Management Console x +

s3.console.aws.amazon.com/s3/upload/demo-16092023?region=ap-south-1

aws Services Search [Alt+S] Global Saurabh Gupta

Upload succeeded View details below.

Upload: status

The information below will no longer be available after you navigate away from this page.

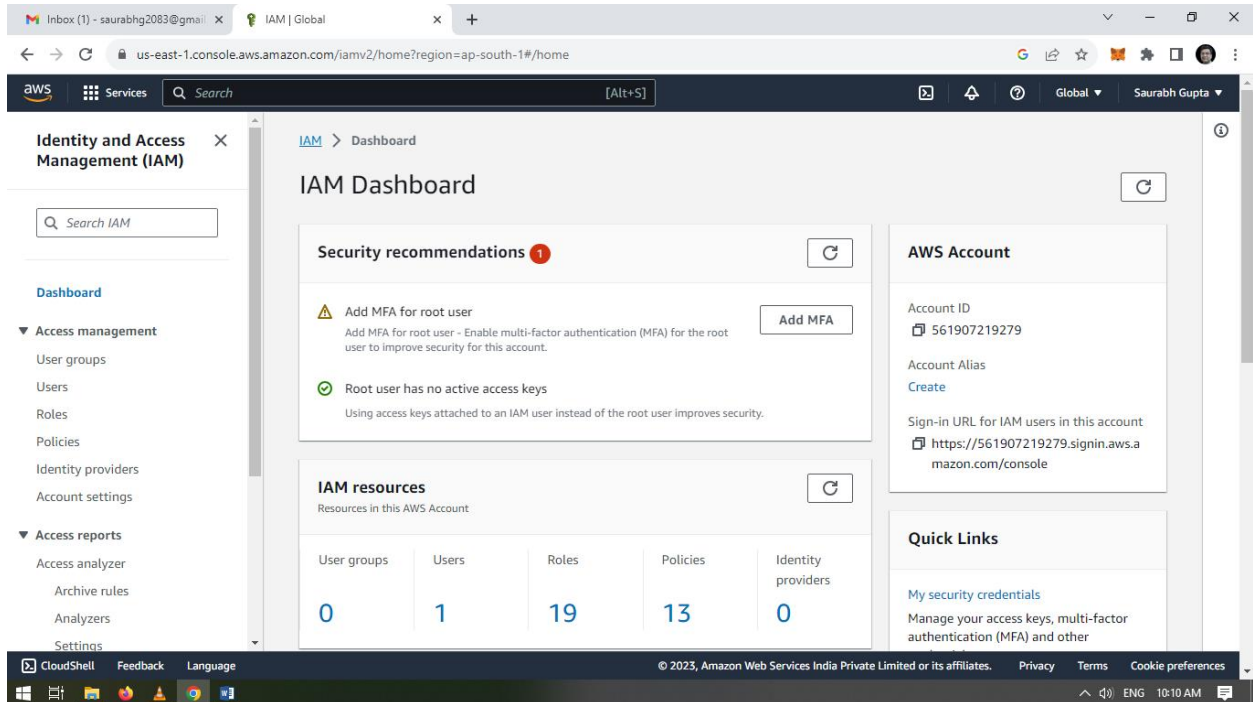
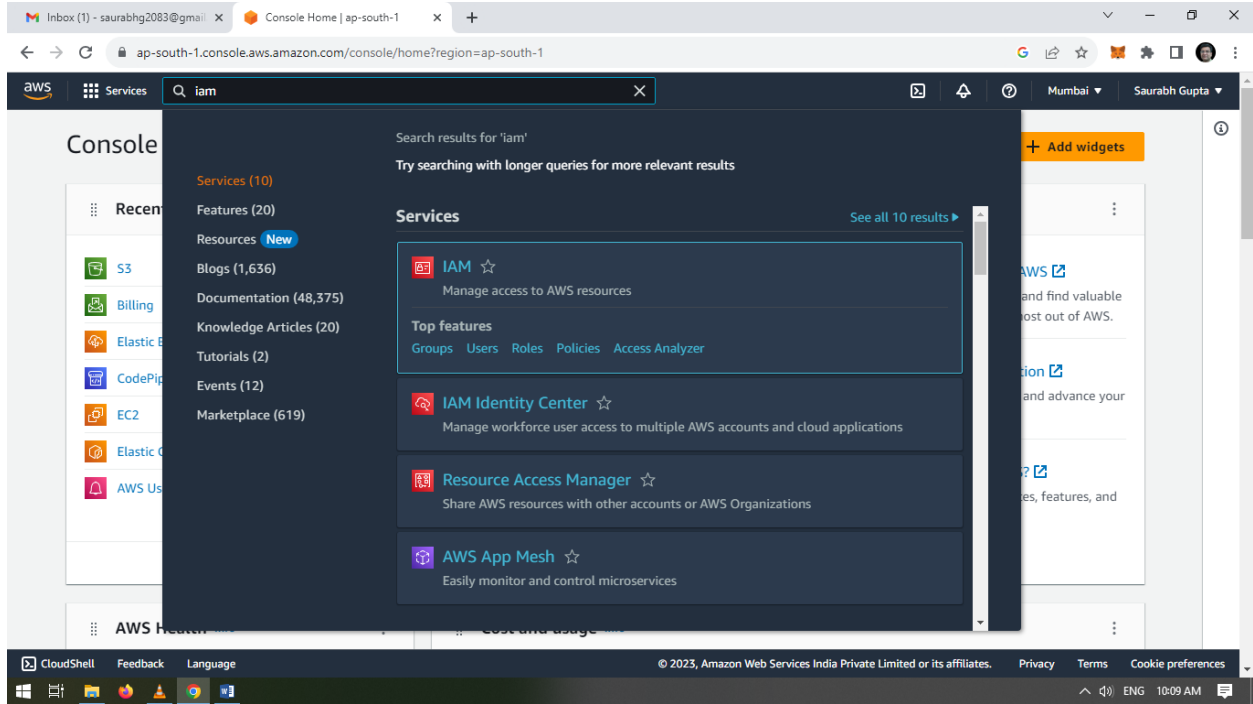
Summary		
Destination s3://demo-16092023	Succeeded 8 files, 10.7 MB (100.00%)	Failed 0 files, 0 B (0%)

Files and folders Configuration

Files and folders (8 Total, 10.7 MB)

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Enter into IAM



Create Policy

The screenshot shows the AWS IAM console's 'Policies' page. The left-hand navigation pane is open to 'Identity and Access Management (IAM)', with 'Policies' selected under 'Access management'. The main content area displays 'Policies (1136)' with a brief description: 'A policy is an object in AWS that defines permissions.' Below this is a search bar and a pagination control showing items 1 through 57. A table lists several policies, all of which are 'Customer managed' and used as 'Permissions policy'. The table columns are 'Policy name', 'Type', and 'Used as'. The policies listed include names like 'AWSCodePipelineServiceRole-ap-northeast-1-myfirstpl' and 'AWSCodePipelineServiceRole-ap-south-1-cicdrandomforest'. At the bottom of the page, there is a footer with '© 2023, Amazon Web Services India Private Limited or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

This screenshot shows the 'Specify permissions' step of the 'Create policy' wizard in the AWS IAM console. The breadcrumb trail is 'IAM > Policies > Create policy'. The page is divided into two steps: 'Step 1: Specify permissions' (the current step) and 'Step 2: Review and create'. The main heading is 'Specify permissions' with an 'Info' icon. Below the heading is a sub-heading 'Policy editor' and three tabs: 'Visual', 'JSON', and 'Actions'. The 'Select a service' section is expanded, showing a search bar and a 'Popular services' toggle. A grid of service icons is displayed, including Auto Scaling, CloudFront, EC2, IAM, Lambda, RDS, S3, and SNS. At the bottom of the service selection area is a '+ Add more permissions' button. On the right side of the page, there are 'Cancel' and 'Next' buttons. The footer at the bottom of the page is identical to the first screenshot, showing '© 2023, Amazon Web Services India Private Limited or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/policies/create?step=addPermissions

Specify permissions

Step 2
Review and create

Policy editor

Visual JSON Actions

```
1 - {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Action": [
7         "s3:PutObject",
8         "s3:ListBucket",
9         "s3:GetObject",
10        "s3:GetObjectVersion",
11        "s3:DeleteObject",
12        "s3:DeleteObjectVersion"],
13       "Resource": "arn:aws:s3:::demo-16092023/*"
14     }
15   ]
16 }
```

Edit statement

Select a statement

Select an existing statement in the policy or add a new statement.

+ Add new statement

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us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/policies/create?step=reviewAndCreate

Specify permissions

Step 2
Review and create

Review and create

Review the permissions, specify details, and tags.

Policy details

Policy name
Enter a meaningful name to identify this policy.

demo_18092023

Maximum 128 characters. Use alphanumeric and '+', '@', '_' characters.

Description - optional
Add a short explanation for this policy.

this policy will be used to access user in the snowflake

Maximum 1,000 characters. Use alphanumeric and '+', '@', '_' characters.

This policy defines some actions, resources, or conditions that do not provide permissions. To grant access, policies must have an action that has an applicable resource or condition. For details, choose [Show remaining](#). [Learn more](#)

Permissions defined in this policy

Edit

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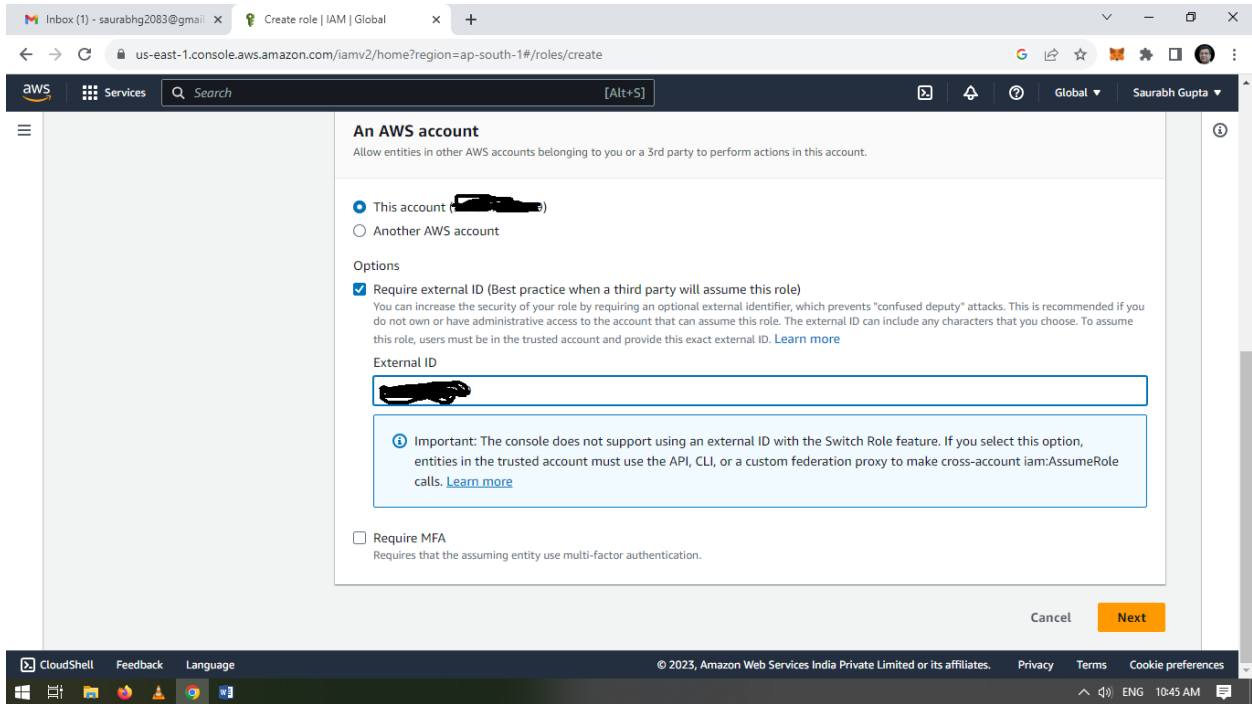
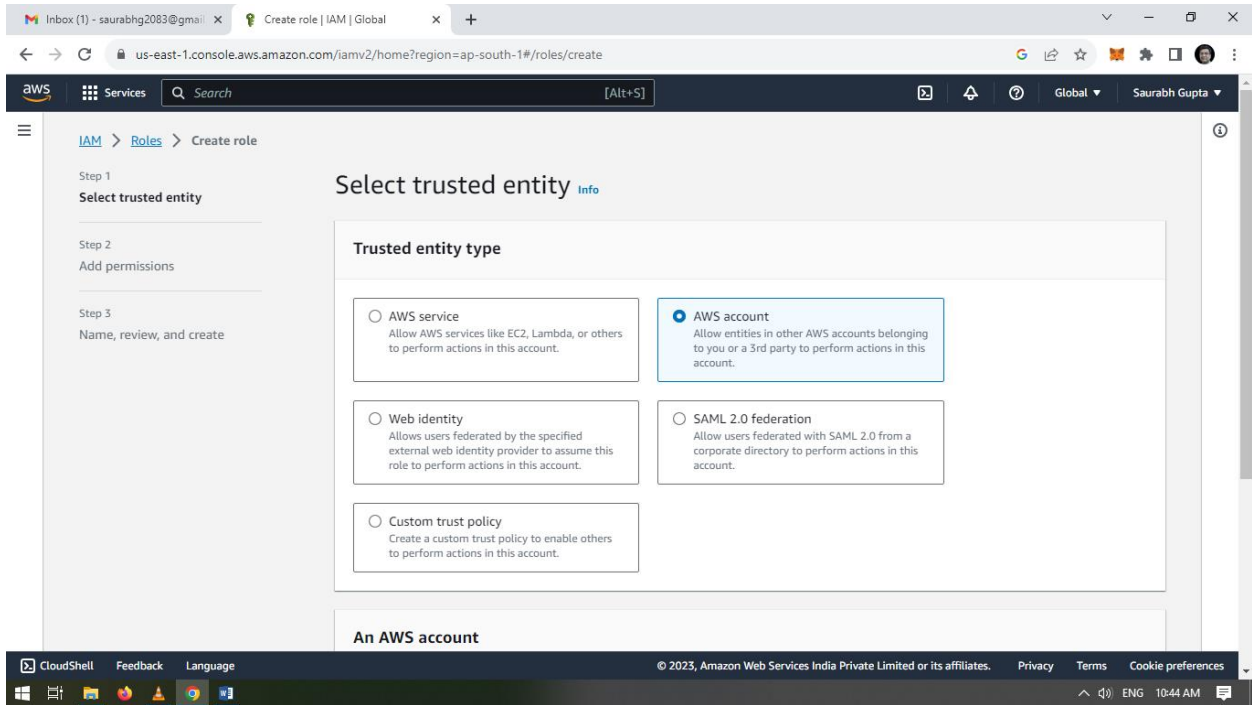
The screenshot shows the AWS IAM console 'Policies' page. The left sidebar contains navigation options: Identity and Access Management (IAM), Dashboard, Access management (User groups, Users, Roles, Policies, Identity providers, Account settings), Access reports (Access analyzer, Archive rules, Analyzers, Settings), CloudShell, Feedback, and Language. The main content area displays a table of policies:

Policy Name	Managed By	Permissions Policy
AWSCodePipelineServiceRole-ap-south-1-predicting_student_responses	Customer managed	Permissions policy (1)
AWSCodePipelineServiceRole-ap-south-1-student_responses	Customer managed	Permissions policy (1)
AWSCodePipelineServiceRole-ap-south-1-test	Customer managed	Permissions policy (1)
AWSCodePipelineServiceRole-ap-south-1-thyroid	Customer managed	Permissions policy (1)
AWSCodePipelineServiceRole-ap-south-1-thyroid_detection	Customer managed	Permissions policy (1)
AWSCodePipelineServiceRole-ap-south-1-thyroid_new	Customer managed	Permissions policy (1)
AWSCodePipelineServiceRole-ap-south-1-tuitionprojectpipeline	Customer managed	Permissions policy (1)
demo_18092023	Customer managed	None
AdministratorAccess	AWS managed - j...	None
PowerUserAccess	AWS managed - j...	None
ReadOnlyAccess	AWS managed - j...	None
AWSCloudFormationReadOnlyAccess	AWS managed	None
CloudFrontFullAccess	AWS managed	None
AWSCloudHSMFullAccess	AWS managed	None

Create Role

The screenshot shows the AWS IAM console 'Roles' page. The left sidebar is identical to the previous screenshot. The main content area displays the 'Roles (19)' page with a description: 'An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.' Below the description are 'Refresh', 'Delete', and 'Create role' buttons, and a search bar. A table lists the roles:

Role name	Trusted entities	Last activity
aws-elasticbeanstalk-ec2-role	AWS Service: ec2	
aws-elasticbeanstalk-service-role	AWS Service: elasticbeanstalk	
AWSCodePipelineServiceRole-ap-northeast-1-myfirstpl	AWS Service: codepipeline	
AWSCodePipelineServiceRole-ap-south-1-cicdrandomforest	AWS Service: codepipeline	
AWSCodePipelineServiceRole-ap-south-1-codepipedecisiontree	AWS Service: codepipeline	
AWSCodePipelineServiceRole-ap-south-1-firstpipeline	AWS Service: codepipeline	
AWSCodePipelineServiceRole-ap-south-1-mypipelineml01lr	AWS Service: codepipeline	
AWSCodePipelineServiceRole-ap-south-1-omdena	AWS Service: codepipeline	



Inbox (1) - saurabhg2083@gmail x Create role | IAM | Global x +

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/create?trustedEntityType=AWS_ACCOUNT&isThirdParty=true&externalId=5...

Services Search [Alt+S] Global Saurabh Gupta

IAM > Roles > Create role

Step 1 [Select trusted entity](#)

Step 2 **Add permissions**

Step 3 Name, review, and create

Add permissions Info

Permissions policies (890) Info Refresh

Choose one or more policies to attach to your new role.

Filter by Type

Search All types < 1 2 3 4 5 6 7 ... 45 > Settings

<input type="checkbox"/>	Policy name <small>Info</small>	Type	Description
<input type="checkbox"/>	AdministratorAccess	AWS managed - job function	Provides full access to AWS services an...
<input type="checkbox"/>	AdministratorAccess-Amp...	AWS managed	Grants account administrative permis...
<input type="checkbox"/>	AdministratorAccess-AWS...	AWS managed	Grants account administrative permis...
<input type="checkbox"/>	AlexaForBusinessDeviceS...	AWS managed	Provide device setup access to AlexaFo...
<input type="checkbox"/>	AlexaForBusinessFullAccess	AWS managed	Grants full access to AlexaForBusiness ...
<input type="checkbox"/>	AlexaForBusinessGateway...	AWS managed	Provide gateway execution access to A...
<input type="checkbox"/>	AlexaForBusinessLifeseize...	AWS managed	Provide access to Lifesize AVS devices

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Inbox (1) - saurabhg2083@gmail x Create role | IAM | Global x +

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/create?trustedEntityType=AWS_ACCOUNT&isThirdParty=true&externalId=5...

Services Search [Alt+S] Global Saurabh Gupta

IAM > Roles > Create role

Step 1 [Select trusted entity](#)

Step 2 **Add permissions**

Step 3 Name, review, and create

Add permissions Info

Permissions policies (1/890) Info Refresh

Choose one or more policies to attach to your new role.

Filter by Type

Search All types 1 match < 1 > Settings

<input checked="" type="checkbox"/>	Policy name <small>Info</small>	Type	Description
<input checked="" type="checkbox"/>	demo_18092023	Customer managed	this po

Select data for demo_18092023

► Set permissions boundary - optional

Cancel Previous **Next**

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Inbox (1) - saurabhg2083@gmail x Create role | IAM | Global

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/create?trustedEntityType=AWS_ACCOUNT&isThirdParty=true&externalId=5...

Services Search [Alt+S] Global Saurabh Gupta

IAM > Roles > Create role

Step 1 [Select trusted entity](#)

Step 2 [Add permissions](#)

Step 3 **Name, review, and create**

Name, review, and create

Role details

Role name
Enter a meaningful name to identify this role.
demo_18092023
Maximum 64 characters. Use alphanumeric and '+', '@', '-' characters.

Description
Add a short explanation for this role.
This role will be used by snowflake
Maximum 1000 characters. Use alphanumeric and '+', '@', '-' characters.

Step 1: Select trusted entities Edit

Trust policy

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Inbox (1) - saurabhg2083@gmail x Roles | IAM | Global

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles

Services Search [Alt+S] Global Saurabh Gupta

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles**
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analizers
- Settings

Role demo_18092023 created. View role

IAM > Roles

Roles (20) Info

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Refresh Delete Create role

Search

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	aws-elasticbeanstalk-ec2-role	AWS Service: ec2	34 minutes
<input type="checkbox"/>	aws-elasticbeanstalk-service-role	AWS Service: elasticbeanstalk	1 hour ago
<input type="checkbox"/>	AWSCodePipelineServiceRole-ap-northeast-1-myfirstpl	AWS Service: codepipeline	211 days ago
<input type="checkbox"/>	AWSCodePipelineServiceRole-ap-south-1-cicdrandomforest	AWS Service: codepipeline	126 days ago
<input type="checkbox"/>	AWSCodePipelineServiceRole-ap-south-1-codepipedecisiontree	AWS Service: codepipeline	126 days ago
<input type="checkbox"/>	AWSCodePipelineServiceRole-ap-south-1-firstpipeline	AWS Service: codepipeline	210 days ago

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us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/details/demo_18092023?section=permissions

Identity and Access Management (IAM)

demo_18092023 [Info](#) [Delete](#)

This role will be used by snowflake

Summary [Edit](#)

Creation date September 17, 2023, 10:51 (UTC+05:30)	ARN arn:aws:iam::561907219279:role/demo_18092023	Link to switch roles in console https://signin.aws.amazon.com/switchrole?roleName=demo_18092023&account=561907219279
Last activity -	Maximum session duration 1 hour	

Permissions policies [Info](#) [Refresh](#) [Simulate](#) [Remove](#) [Add permissions](#)

You can attach up to 10 managed policies.

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Snowflake

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN/query

2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

No Database selected Settings

```

1 CREATE DATABASE DEMO;
2 CREATE SCHEMA DEMO_18092023;

```

11:02 AM

The screenshot shows the Snowflake web interface with a query executed. The query is:

```
1 CREATE SCHEMA DEMO_18092023;  
2 SHOW SCHEMAS;
```

The results table shows the following data:

	created_on	name	is_default	is_current	database
1	2023-09-16 22:38:21.166 -0700	DEMO_18092023	N	Y	DEMO
2	2023-09-16 22:38:25.774 -0700	INFORMATION_SCHEMA	N	N	DEMO
3	2023-09-16 22:33:58.615 -0700	PUBLIC	N	N	DEMO

The DEMO_18092023 schema is highlighted in blue in the original image.

CREATE OR REPLACE STORAGE INTEGRATION aws_s3_int

TYPE = EXTERNAL_STAGE

STORAGE_PROVIDER = 'S3'

ENABLED = TRUE

STORAGE_AWS_ROLE_ARN = 'arn:aws:iam::001234567890:role/myrole'

STORAGE_ALLOWED_LOCATIONS = ('s3://mybucket1/mypath1/', 's3://mybucket2/mypath2/');

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

```

1 CREATE OR REPLACE STORAGE INTEGRATION aws_s3_int
2 TYPE = EXTERNAL_STAGE
3 STORAGE_PROVIDER = 'S3'
4 ENABLED = TRUE
5 STORAGE_AWS_ROLE_ARN = 'arn:aws:iam::561907219279:role/demo_18092023'
6 STORAGE_ALLOWED_LOCATIONS = ('s3://demo-16092023/');

```

Results Chart

status
1 Integration AWS_S3_INT successfully created.

Query Details

- Query duration: 111ms
- Rows: 1
- Query ID: 01af0afa-0000-72dc-0...
- status: 100% filled

SHOW INTEGRATIONS;

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

```

1 SHOW INTEGRATIONS;

```

Results Chart

	name	type	category	enabled	comment	
1	AWS_S3_INT	EXTERNAL_STAGE	STORAGE	true	null	2023-09-16 22:46:10

category: STORAGE

app.snowflake.com/gbdhkhq/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

1 DESC INTEGRATION aws_s3_int;

Results Chart

	property	property_type	property_value
1	ENABLED	Boolean	true
2	STORAGE_PROVIDER	String	S3
3	STORAGE_ALLOWED_LOCATIONS	List	s3://demo-16092023/
4	STORAGE_BLOCKED_LOCATIONS	List	
5	STORAGE_AWS_IAM_USER_ARN	String	arn:aws:iam:164743210672:user/784c0000-s
6	STORAGE_AWS_ROLE_ARN	String	arn:aws:iam:561907219279:role/demo_18092023
7	STORAGE_AWS_EXTERNAL_ID	String	ZL87126_SFCRole=2_zYrbVuExVxnQj430TIOtNulay
8	COMMENT	String	

3 columns
24 cells

Edit AWS TRUST Relationships for Snowflake User ARN

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/details/demo_18092023?section=trust_relationships

Identity and Access Management (IAM)

Search IAM

Permissions Trust relationships Tags Access Advisor Revoke sessions

Trusted entities

Entities that can assume this role under specified conditions.

```

1- {
2-   "Version": "2012-10-17",
3-   "Statement": [
4-     {
5-       "Effect": "Allow",
6-       "Principal": {
7-         "AWS": "arn:aws:iam:561907219279:root"
8-       },
9-       "Action": "sts:AssumeRole",
10-      "Condition": {
11-        "StringEquals": {
12-          "sts:ExternalId": "561907219279"
13-        }
14-      }
15-    }
16-  ]
17- }

```

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app.snowflake.com/gbdhkhq/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO.18092023 Settings Latest Version

1 DESC INTEGRATION aws_s3_int;

Results Chart

id	property_type	property_value
1	Boolean	true
2	String	S3
3	List	s3://demo-16092023/
4	List	
5	String	arn:aws:iam::164743210672:user/784c0000-s
6	String	arn:aws:iam::561907219279:role/demo_18092023
7	String	ZL87126_SFCRole=2_zYrbVuExVxnQj430TI0tlUJayv4=
8	String	

property_value

arn:aws:iam::164743210672:user/784c0000-s

us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/details/demo_18092023/edit-trust-policy

Services Search [Alt+S]

IAM > Roles > demo_18092023 > Edit trust policy

Edit trust policy

```

1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Principal": {
7         "AWS": "arn:aws:iam::164743210672:user/784c0000-s"
8       },
9       "Action": "sts:AssumeRole",
10      "Condition": {
11        "StringEquals": {
12          "sts:ExternalId": "ZL87126_SFCRole=2_zYrbVuExVxnQj430TI0tlUJayv4="
13        }
14      }
15    }
16  ]
17 }

```

Edit statement Remove

Add actions for STS

Filter actions

All actions (sts:)

Access level - read

- GetAccessKeyInfo
- GetCallerIdentity
- GetFederationToken
- GetServiceBearerToken
- GetSessionToken

Access level - read or write

- AssumeRole

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us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/roles/details/demo_18092023?section=trust_relationships

Trust policy updated. 1 hour

Permissions | **Trust relationships** | Tags | Access Advisor | Revoke sessions

Trusted entities Edit trust policy

Entities that can assume this role under specified conditions.

```

1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Principal": {
7         "AWS": "arn:aws:iam::164743210672:user/784c0000-s"
8       },
9       "Action": "sts:AssumeRole",
10      "Condition": {
11        "StringEquals": {
12          "sts:ExternalId": "ZL87126_SFCRole=2_zYrbVuExVxnQj430TI0tNuIayv4="
13        }
14      }
15    }
16  ]
17 }

```

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app.snowflake.com/gbdhkn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

```

1 DESC INTEGRATION aws_s3_int;
2
3 GRANT USAGE ON INTEGRATION aws_s3_int TO ROLE accountadmin;

```

Results Chart

status
1 Statement executed successfully.

Query Details

status 100% filled

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN#query

2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

```

1 CREATE OR REPLACE FILE FORMAT demo_format
2 type='CSV'
3 skip_header=1;

```

Results Chart

status
1 File format DEMO_FORMAT successfully created.

Query Details

- Query duration: 46ms
- Rows: 1
- Query ID: 01af0b11-0000-72dc-0...

status

Windows taskbar: 11:38 AM

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN#query

2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version Draft

```

1 CREATE OR REPLACE FILE FORMAT demo_format
2 type='CSV'
3 skip_header=1;
4
5 CREATE OR REPLACE STAGE demo_aws_stage
6 STORAGE_INTEGRATION = aws_s3_int
7 URL = 's3://demo-16092023/'
8 FILE_FORMAT = demo_format;

```

Results Chart

status
1 File format DEMO_FORMAT successfully created.

Query Details

- Query duration: 46ms
- Rows: 1
- Query ID: 01af0b11-0000-72dc-0...

status

Windows taskbar: 11:41 AM

```
CREATE OR REPLACE FILE FORMAT demo_format
```

```
type='CSV'
```

```
skip_header=1;
```

```
CREATE OR REPLACE STAGE demo_aws_stage
```

```
STORAGE_INTEGRATION = aws_s3_int
```

```
URL = 's3://demo-XXXXXX/'
```

```
FILE_FORMAT = demo_format;
```

The screenshot displays the Snowflake web interface. The top navigation bar shows the user is logged in as ACCOUNTADMIN. The main workspace contains a SQL editor with the following query:

```
1 CREATE OR REPLACE FILE FORMAT demo_format
2 type='CSV'
3 skip_header=1;
4
5 CREATE OR REPLACE STAGE demo_aws_stage
6 STORAGE_INTEGRATION = aws_s3_int
7 URL = 's3://demo-16092023/'
8 FILE_FORMAT = demo_format;
```

Below the editor, the 'Results' tab is active, showing a table with one row:

status
1 Stage area DEMO_AWS_STAGE successfully created.

Query Details on the right indicate a duration of 909ms and 1 row returned. The Query ID is 01af0b17-0000-72dd-0...

app.snowflake.com/gbdkhqn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version Draft

```
1 List @demo_aws_stage;
```

Results Chart

	name	size	md5
1	s3://demo-16092023/MavenMarket_Calendar.csv	8,004	da7d0c13cdb4fd129887d476f
2	s3://demo-16092023/MavenMarket_Customers.csv	1,576,785	676739cde95cb4e19f0d5022
3	s3://demo-16092023/MavenMarket_Products.csv	104,252	90690e3c688f69760f3e08bc1
4	s3://demo-16092023/MavenMarket_Regions.csv	2,887	dd327157dcb8fddb6d64e3cd3
5	s3://demo-16092023/MavenMarket>Returns_1997-1998.csv	141,531	afb2906018dcad456c8fddf3c
6	s3://demo-16092023/MavenMarket_Stores.csv	2,896	418e5c70dc4b7763b1862ba3
7	s3://demo-16092023/MavenMarket_Transactions_1997.csv	3,030,338	7a14da3f0d64347ad831a191
8	s3://demo-16092023/MavenMarket_Transactions_1998.csv	6,362,895	fbfbcc0ef1030d89b10b99f7

Query Details

Query duration 74ms

Rows 8

Query ID 01af0b37-0000-72dc-0...

name 100% filled

size

app.snowflake.com/gbdkhqn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version Draft

```
1 CREATE or REPLACE table MavenMarket_Customers (
2 customer_id integer,
3 customer_acct_num string,
4 first_name string,
5 last_name string,
6 customer_address string,
7 customer_city string,
8 customer_state_province string,
9 customer_postal_code string,
10 customer_country string,
11 birthdate string,
12 marital_status string,
13 yearly_income string,
14 gender string,total_children string,
15 num_children_at_home string,
16 education string,
17 acct_open_datestring,
18 member_card string,
19 occupation string,
20 homeowner string)
```

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

```

14 gender string, total_children string,
15 num_children_at_home string,
16 education string,
17 acct_open_date string,
18 member_card string,
19 occupation string,
20 homeowner string)

```

Results Chart

status	
1	Table MAVENMARKET_CUSTOMERS successfully created.

Query Details

- Query duration: 130ms
- Rows: 1
- Query ID: 01af0b40-0000-72dd...

status

100% filled

Copy to Table and Select Records

app.snowflake.com/gbdhkqn/ps54054/w1p50fWk22TN#query

Worksheets 2023-09-17 11:01am

ACCOUNTADMIN COMPUTE_WH Share

DEMO.DEMO_18092023 Settings Latest Version

```

1 COPY into MavenMarket_Customers
2 from @demo_aws_stage/MavenMarket_Customers.csv
3 file_format=(format_name=demo_format);
4
5 Select * FROM MavenMarket_Customers;

```

Results Chart

STOMER_ID	CUSTOMER_ACCT_NUM	FIRST_NAME	LAST_N
1	1 87462024688	Sheri	Nowmer
2	2 87470586299	Derrick	Whelply
3	3 87475757600	Jeanne	Derry
4	4 87500482201	Michael	Spence
5	5 87514054179	Maya	Gutierrez
6	6 87517782449	Robert	Damstra
7	7 87521172800	Rebecca	Kanagak
8	8 87539744377	Kim	Brunner
9	9 87544797658	Brenda	Blumber

Query Details

- Query duration: 457ms
- Rows: 10K
- Query ID: 01af0b49-0000-72dd...

CUSTOMER_ID

CUSTOMER_ACCT_NUM

