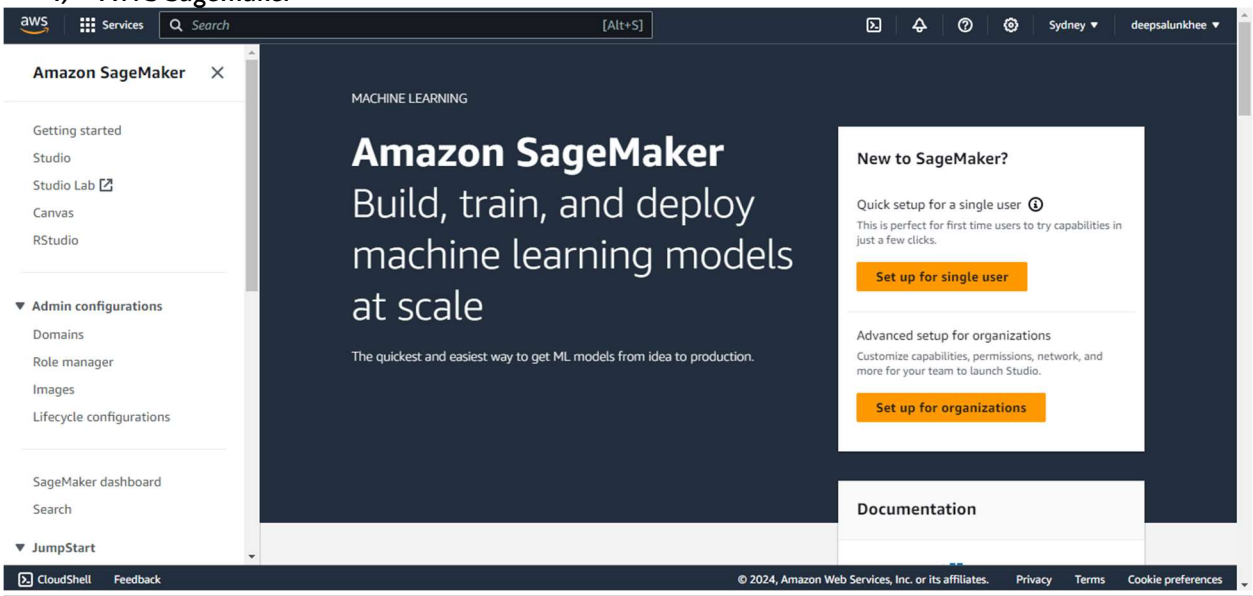
Semester	T.E. Semester VI – Computer Engineering
Subject	Cloud Computing
Subject Professor In-charge	Prof. Divya Nimbalkar
Assisting Teachers	Prof. Divya Nimbalkar

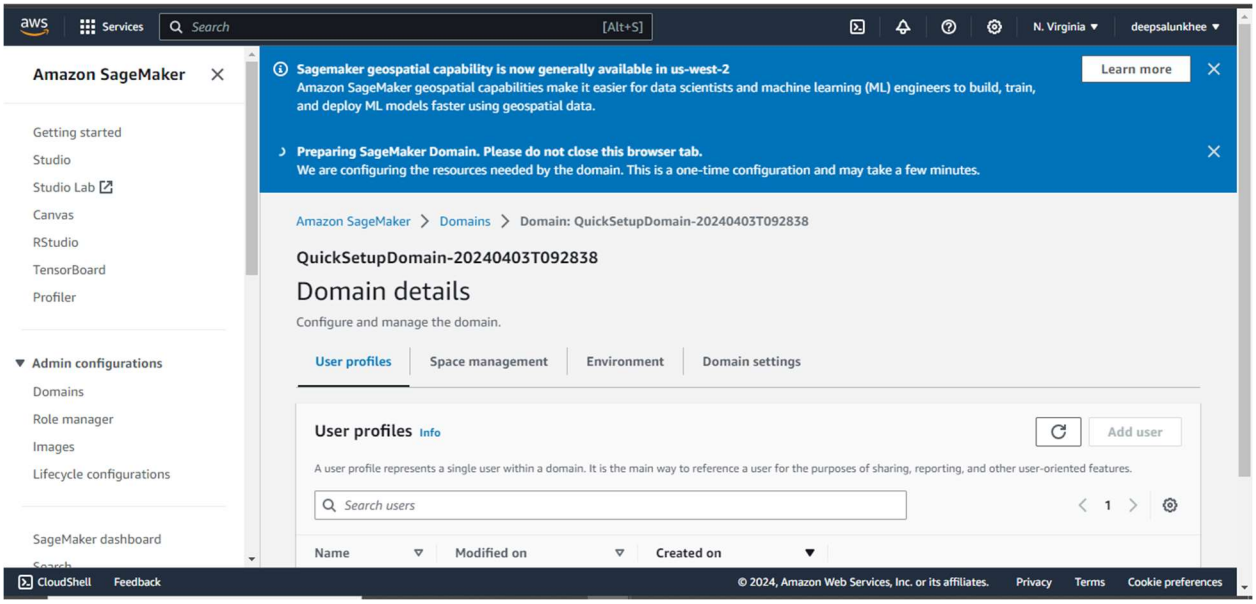
Student Name	Deep Salunkhe
Roll Number	21102A0014
TE Division	A

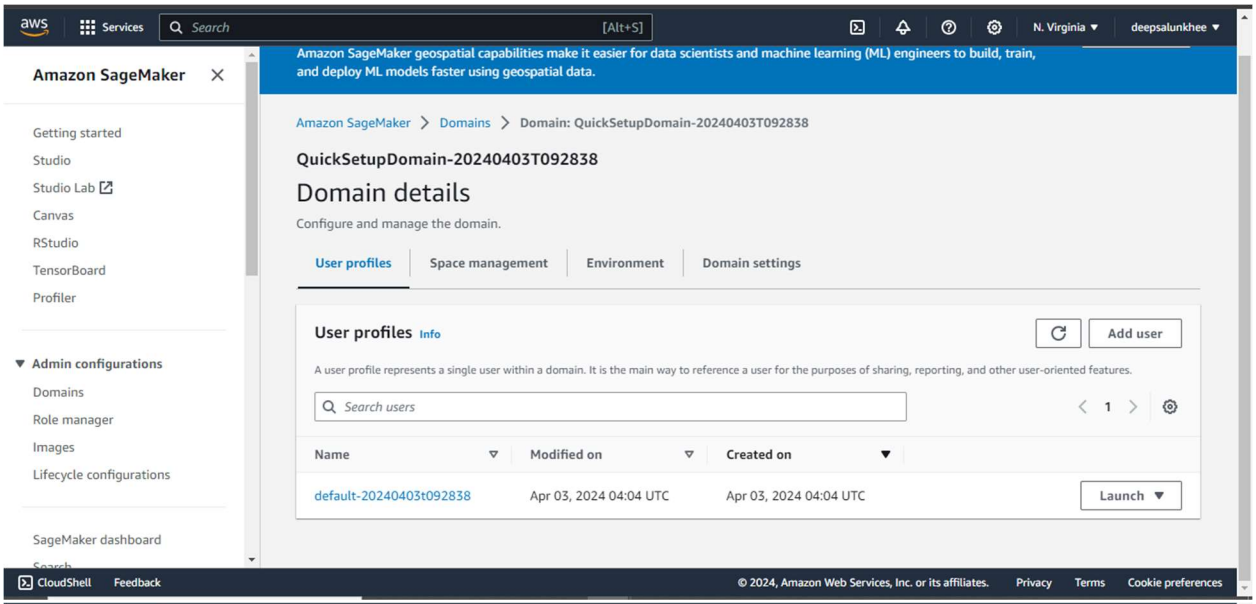
Title: Machine Learning as a Service

Implementation:

1) AWS SageMaker






aws
Services
Search
[Alt+S]
N. Virginia
deepsalunkhee
Amazon SageMaker
Amazon SageMaker geospatial capabilities make it easier for data scientists and machine learning (ML) engineers to build, train, and deploy ML models faster using geospatial data.
Getting started
Studio
Studio Lab
Canvas
RStudio
TensorBoard
Profiler
Admin configurations
Domains
Role manager
Images
Lifecycle configurations
SageMaker dashboard
Amazon SageMaker > Domains > Domain: QuickSetupDomain-20240403T092838
QuickSetupDomain-20240403T092838
Domain details
Configure and manage the domain.
User profiles
Space management
Environment
Domain settings
User profiles Info
Add user
A user profile represents a single user within a domain. It is the main way to reference a user for the purposes of sharing, reporting, and other user-oriented features.
Search users
1
Name
Modified on
Created on
default-20240403t092838
Apr 03, 2024 04:04 UTC
Apr 03, 2024 04:04 UTC
Launch
CloudShell
Feedback
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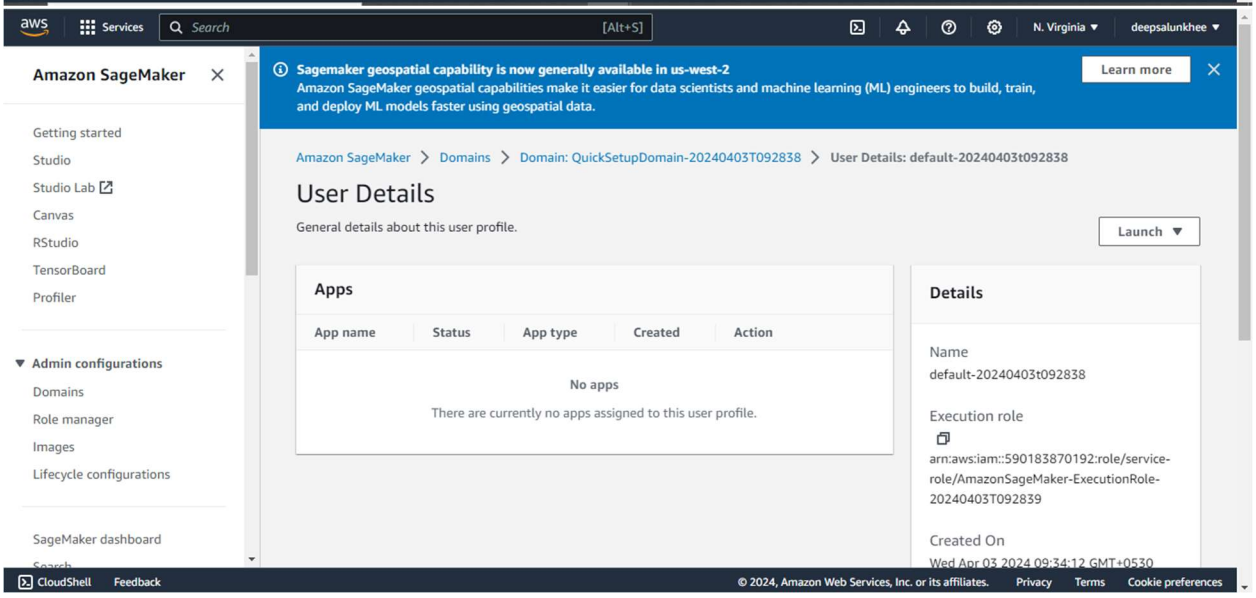
aws
Services
Search
[Alt+S]
N. Virginia
deepsalunkhee
Amazon SageMaker
Sagemaker geospatial capability is now generally available in us-west-2
Amazon SageMaker geospatial capabilities make it easier for data scientists and machine learning (ML) engineers to build, train, and deploy ML models faster using geospatial data.
Learn more
Getting started
Studio
Studio Lab
Canvas
RStudio
TensorBoard
Profiler
Admin configurations
Domains
Role manager
Images
Lifecycle configurations
SageMaker dashboard
Amazon SageMaker > Domains > Domain: QuickSetupDomain-20240403T092838 > User Details: default-20240403t092838
User Details
General details about this user profile.
Launch
Apps
App name
Status
App type
Created
Action
No apps
There are currently no apps assigned to this user profile.
Details
Name
default-20240403t092838
Execution role
arn:aws:iam::590183870192:role/service-role/AmazonSageMaker-ExecutionRole-20240403T092839
Created On
Wed Apr 03 2024 09:34:12 GMT+0530
CloudShell
Feedback
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Privacy
Terms
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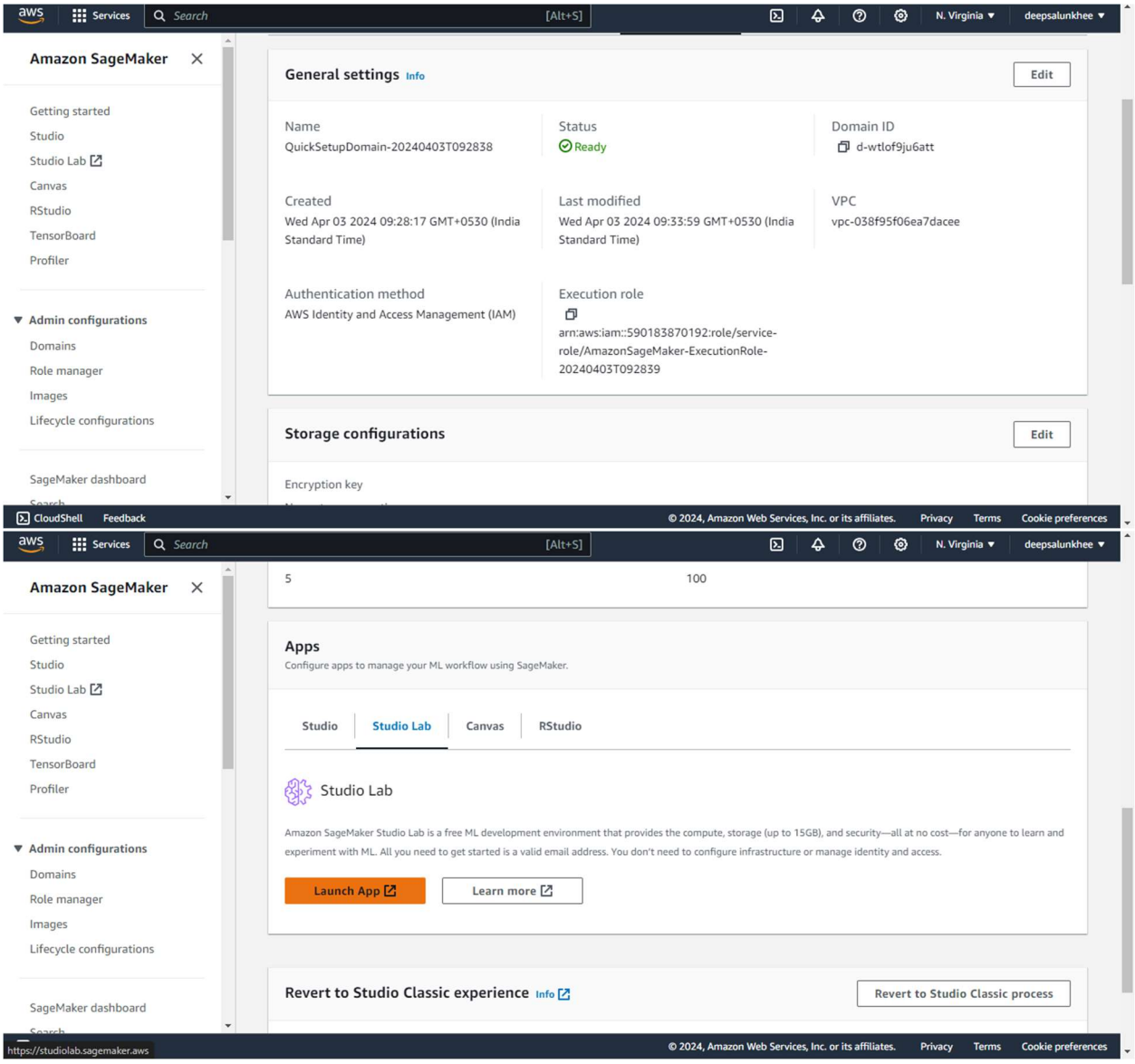

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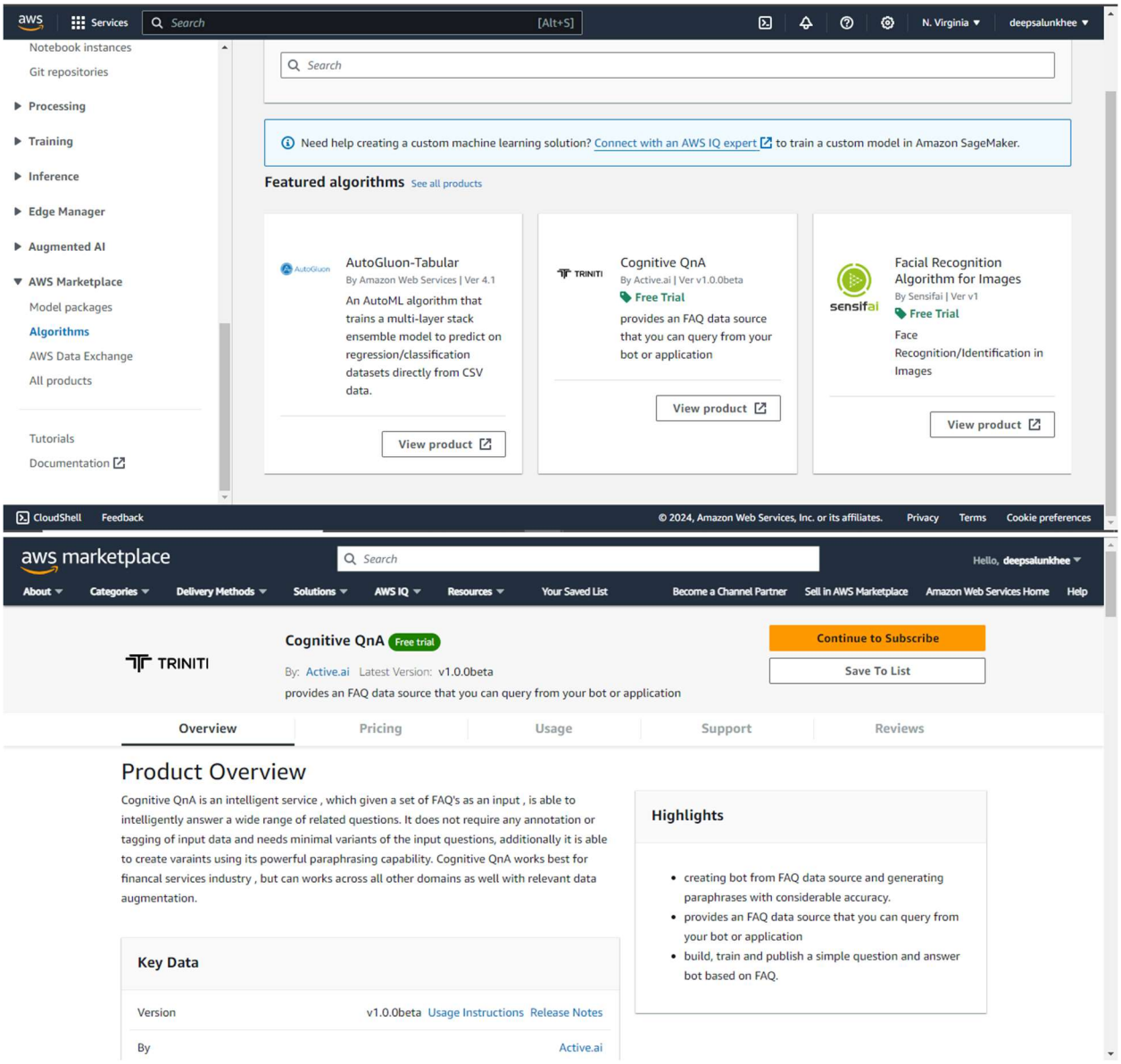

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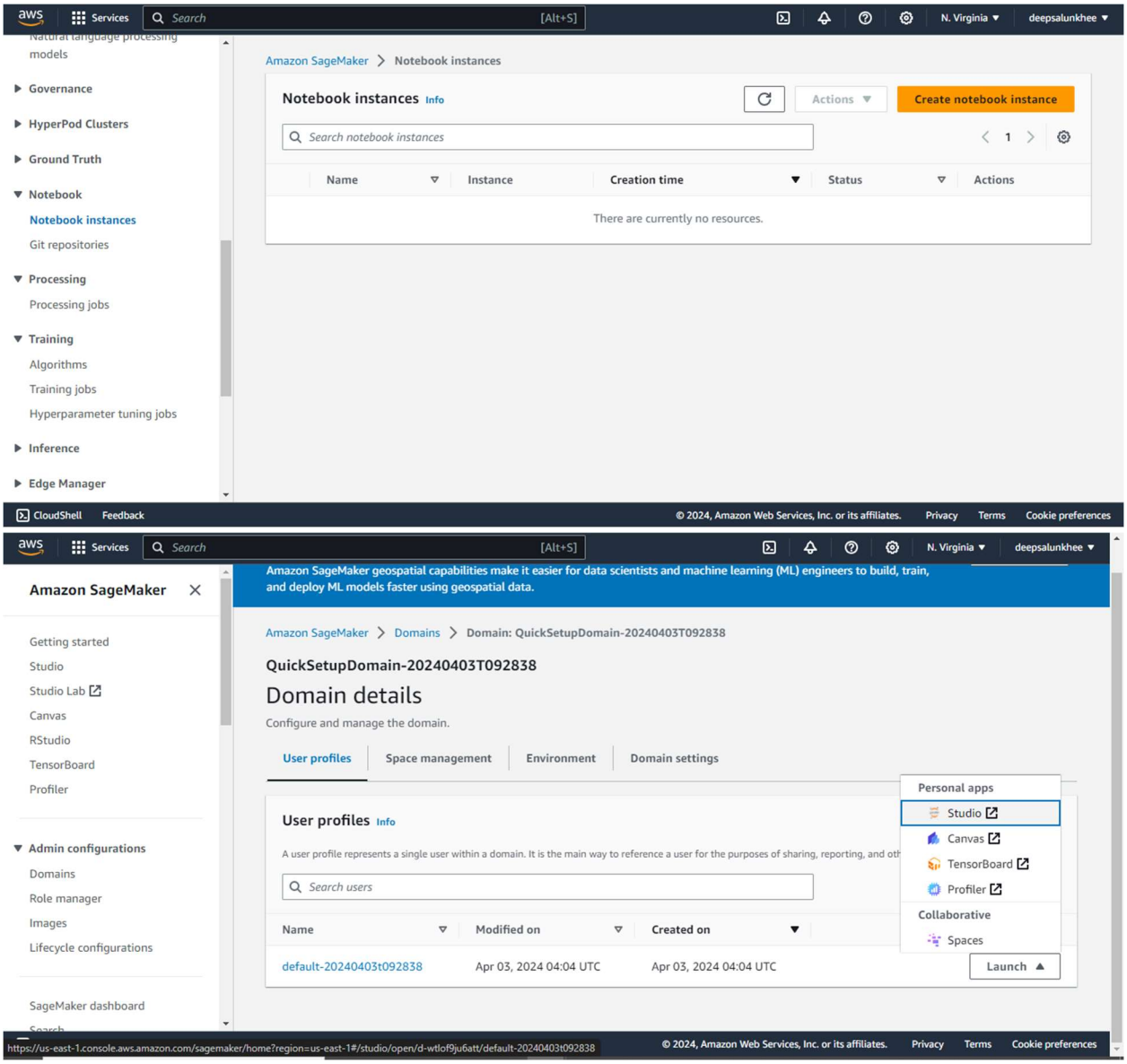

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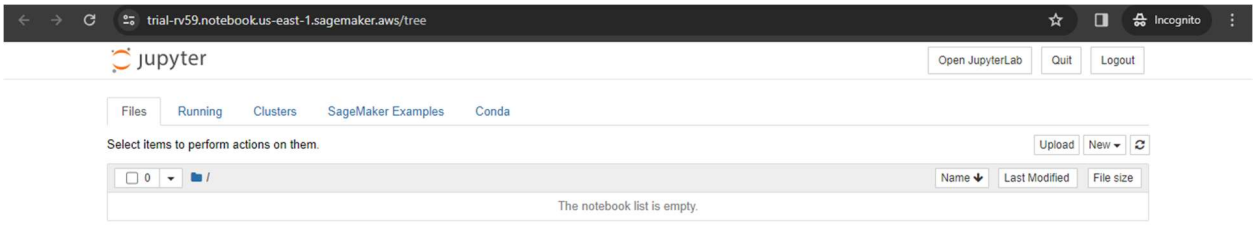
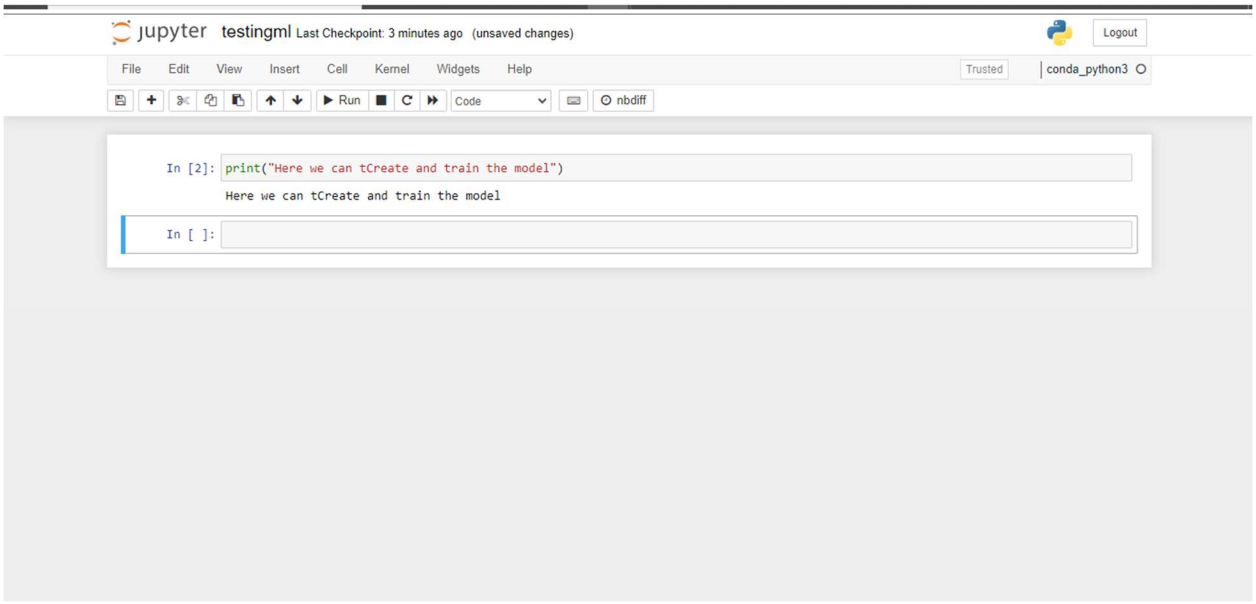
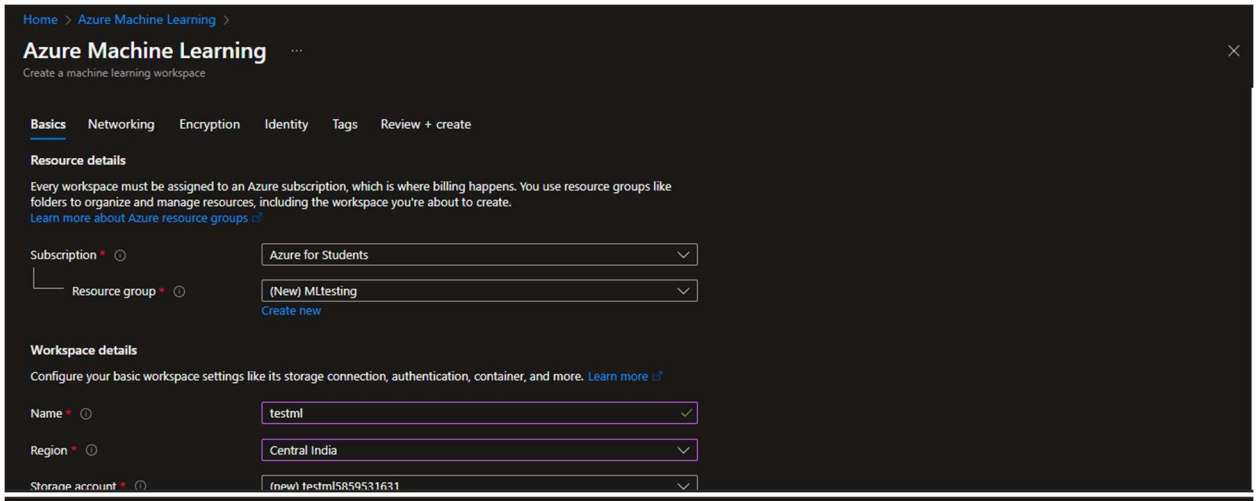
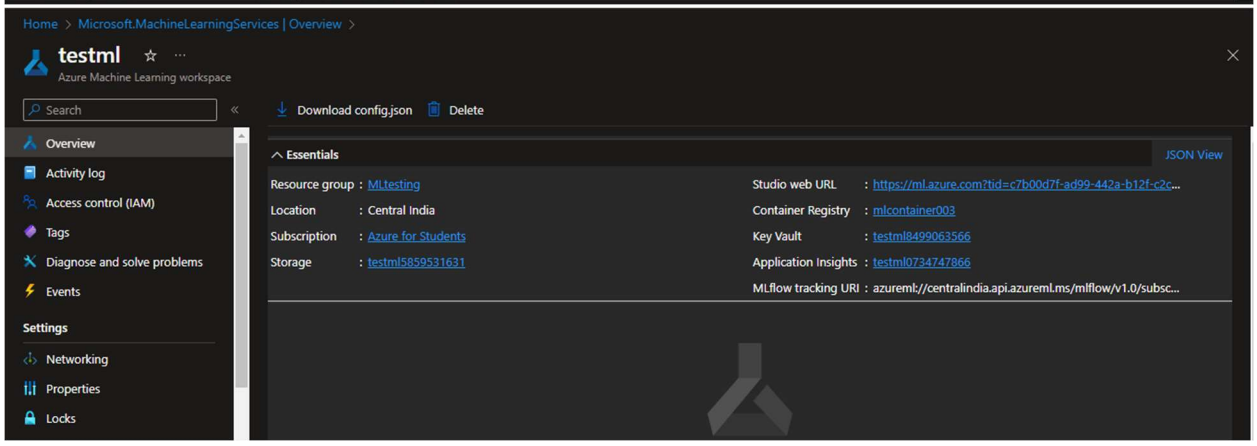

trial-rv59.notebook.us-east-1.sagemaker.aws/tree
Incognito
jupyter
Open JupyterLab
Quit
Logout
Files
Running
Clusters
SageMaker Examples
Conda
Select items to perform actions on them.
Upload
New
0
/
Name
Last Modified
File size
The notebook list is empty.

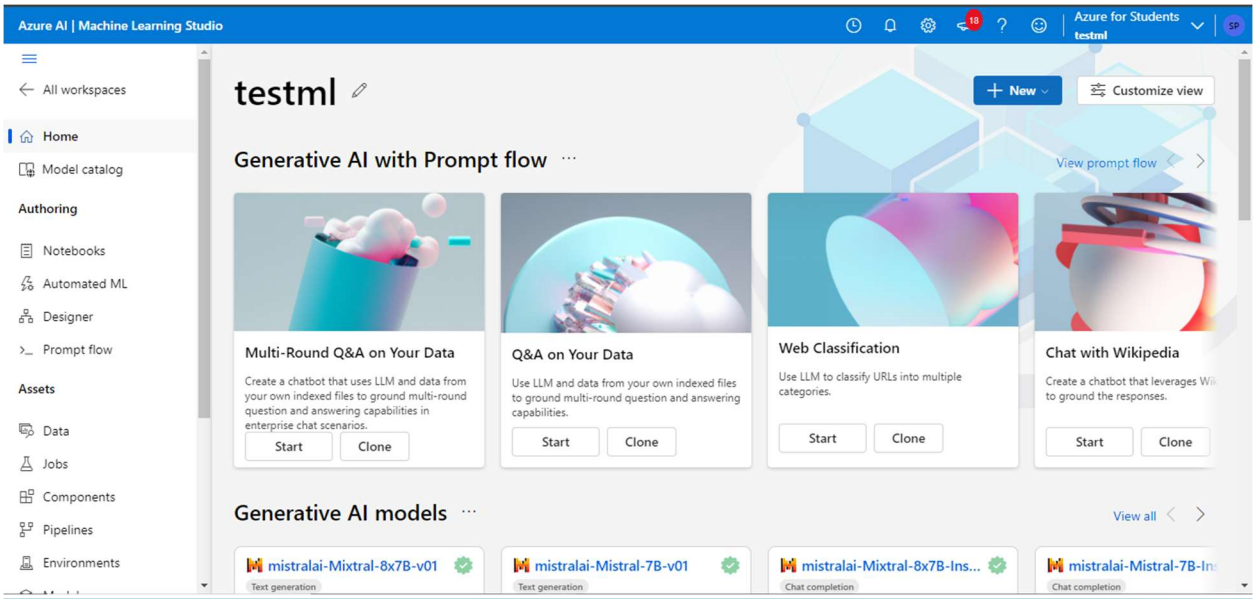

jupyter testingml Last Checkpoint: 3 minutes ago (unsaved changes)
Logout
File
Edit
View
Insert
Cell
Kernel
Widgets
Help
Trusted
conda_python3
Run
Code
nbdiff
In [2]: print("Here we can tCreate and train the model")
Here we can tCreate and train the model
In [ ]:

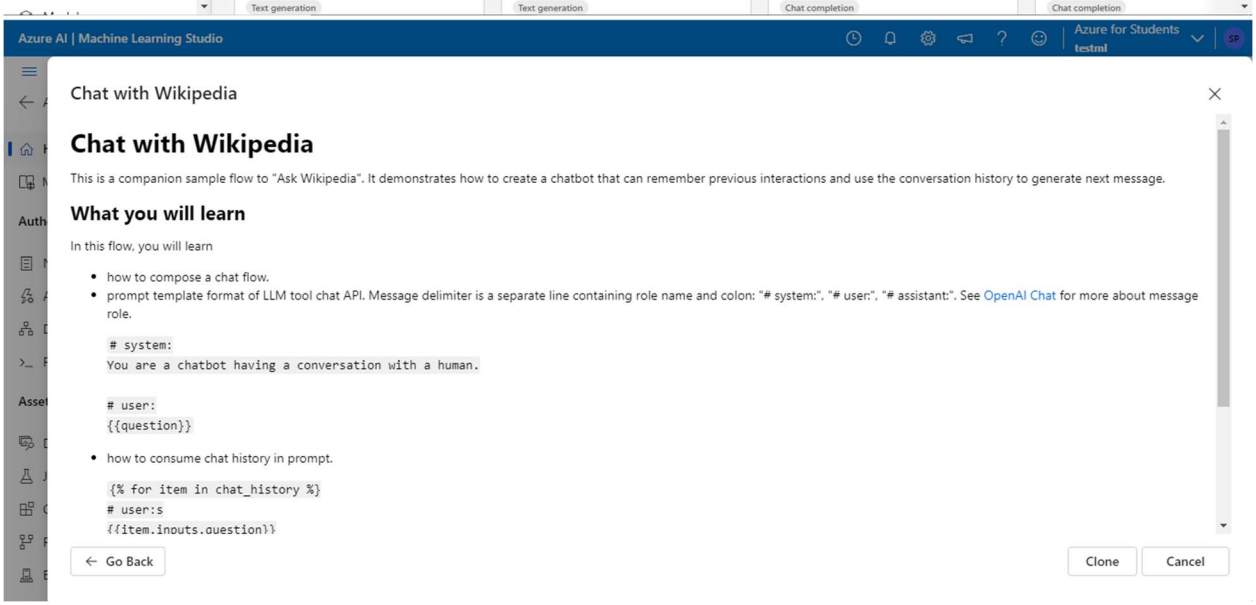
2) Azure ML


Home > Azure Machine Learning >
Azure Machine Learning
Create a machine learning workspace
Basics Networking Encryption Identity Tags Review + create
Resource details
Every workspace must be assigned to an Azure subscription, which is where billing happens. You use resource groups like folders to organize and manage resources, including the workspace you're about to create.
Learn more about Azure resource groups
Subscription * Azure for Students
Resource group * (New) MLtesting
Create new
Workspace details
Configure your basic workspace settings like its storage connection, authentication, container, and more. Learn more
Name * testml
Region * Central India
Storage account * (new) testml5859531631

Home > Azure Machine Learning >
Azure Machine Learning
Create a machine learning workspace
Validation passed
Basics Networking Encryption Identity Tags Review + create
Basics
Subscription Azure for Students
Resource group (New) MLtesting
Region Central India
Name testml
Storage account (new) testml5859531631
Key vault (new) testml8499063566
Application insights (new) testml0734747866
Container registry (new) mlcontainer003
Networking
Connectivity method Enable public access from all networks


Home > Microsoft.MachineLearningServices | Overview >
testml
Azure Machine Learning workspace
Search
Download config.json Delete
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Events
Settings
Networking
Properties
Locks
Essentials
JSON View
Resource group : MLtesting
Location : Central India
Subscription : Azure for Students
Storage : testml5859531631
Studio web URL : https://ml.azure.com?tid=c7b00d7f-ad99-442a-b12f-c2c...
Container Registry : mlcontainer003
Key Vault : testml8499063566
Application Insights : testml0734747866
MLflow tracking URI : azureml://centralindia.api.azureml.ms/mlflow/v1.0/subsc...





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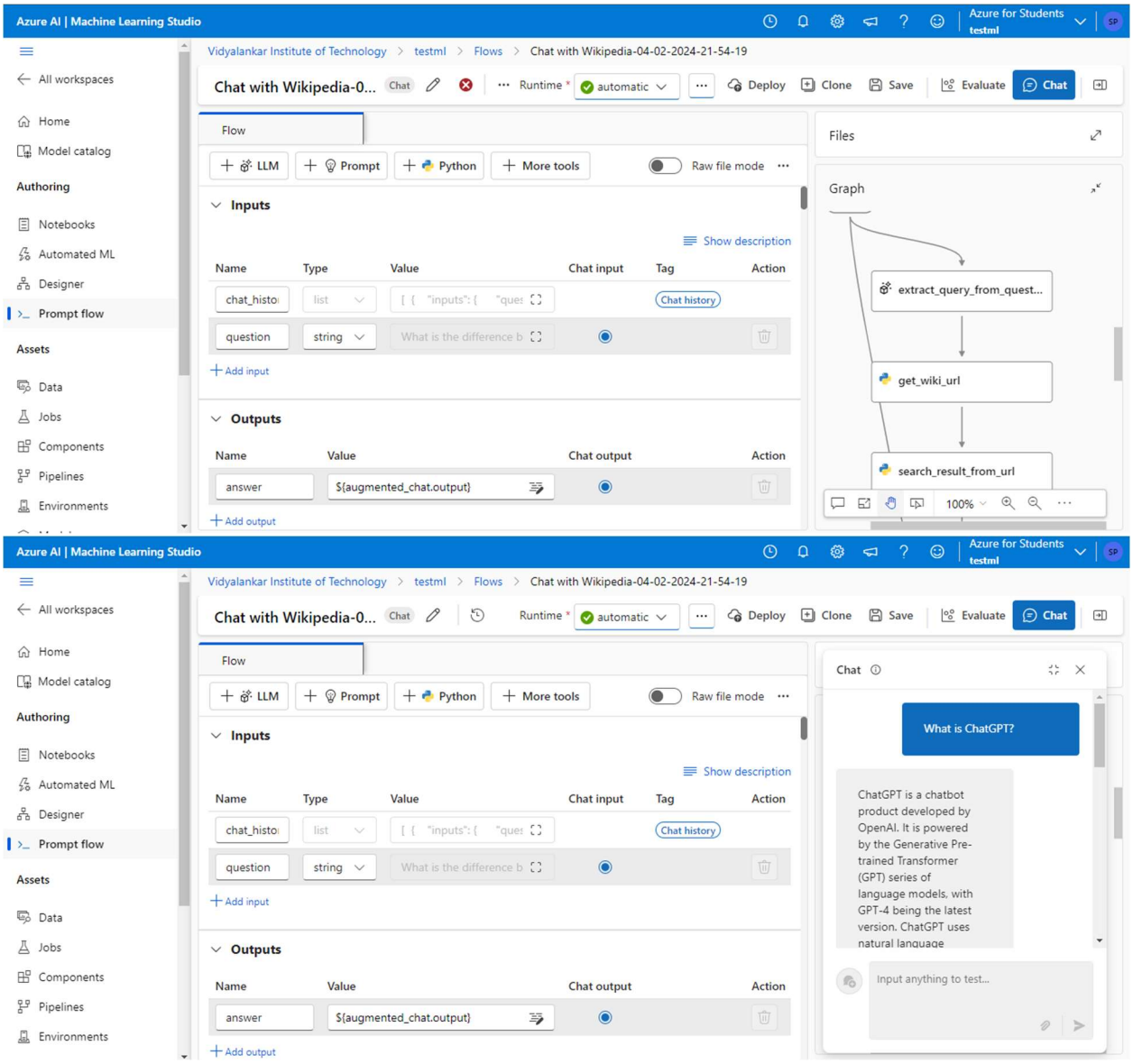

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