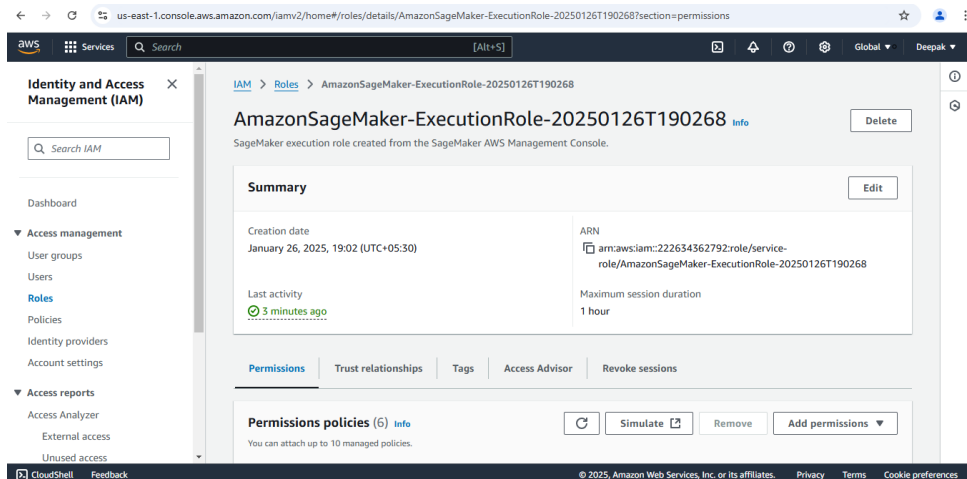


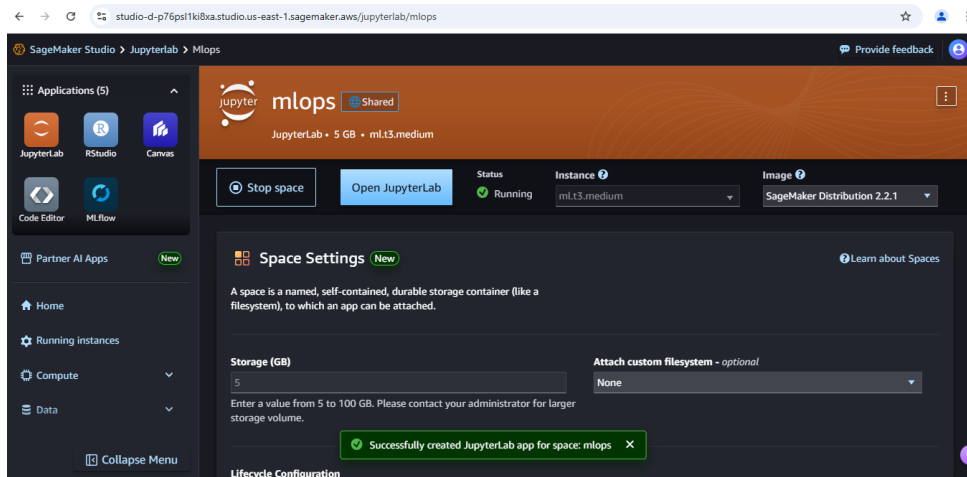
M4: AWS Cloud Sagemaker AI

For Deploying the ML project (M3 task) into a suitable Cloud, we have chosen AWS Sagemaker AI. Screenshots for the same are given below:

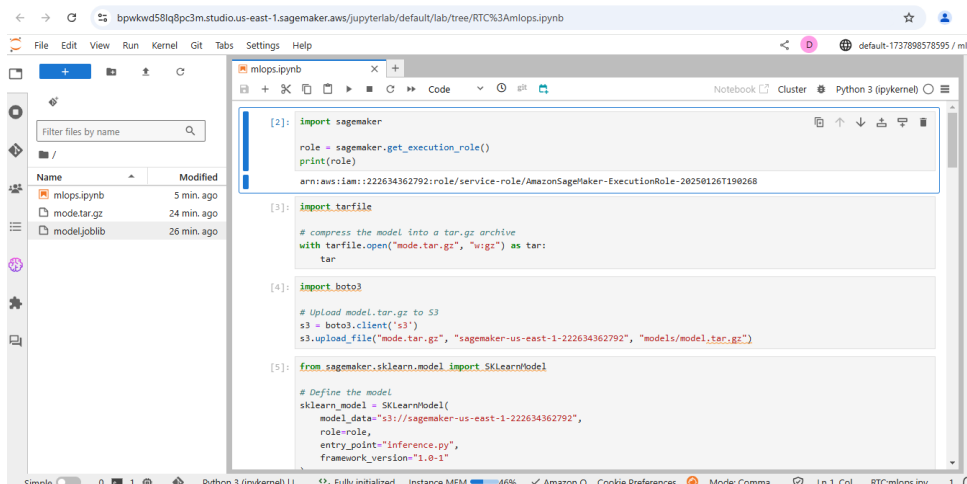
- **IAM Role for Identity and Access Management:**



- **Sagemaker Studio Space**



- **Sagemaker JupyterLab**



- **AWS ECR Repository:**
222634362792.dkr.ecr.eu-north-1.amazonaws.com/mlops_assignment/model_repo

eu-north-1.console.aws.amazon.com/ecr/private-registry/repositories?region=eu-north-1

Amazon ECR > Private registry > Repositories

Amazon Elastic Container Registry

Private registry
Repositories
Features & Settings

Public registry
Repositories
Settings

ECR public gallery
Amazon ECS
Amazon EKS

Getting started
Documentation

Successfully created mlops_assignment/model_repo

Private repositories (1)

Search by repository substring

Repository name	URI	Created at	Tag immutability	Encryption type
mlops_assignment/model_repo	222634362792.dkr.ecr.eu-north-1.amazonaws.com/mlops_assignment/model_repo	January 26, 2025, 19:57:35 (UTC+05.5)	Mutable	AES-256

CloudShell Feedback

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- **AWS EKS**

eu-north-1.console.aws.amazon.com/eks/home?region=eu-north-1#/clusters/fabulous-funk-duck?selectedTab=cluster-overview-tab

EKS > Clusters > fabulous-funk-duck

Amazon Elastic Kubernetes Service

Clusters

Amazon EKS Anywhere
Enterprise Subscriptions

Related services
Amazon ECR
AWS Batch

Console settings
Documentation
Submit feedback

fabulous-funk-duck

Delete cluster View dashboard

Cluster info

Status: Creating

Kubernetes version: 1.31

Support period: Standard support until November 26, 2025

Provider: EKS

Cluster health issues: 0

Upgrade insights: 0

Node health issues: 0

Overview Resources Compute Networking Add-ons Access Observability Update history

Details

API server endpoint: -

OpenID Connect provider URL: -

Created: 28 minutes ago

Certificate authority: -

Cluster IAM role ARN: -

Cluster ARN: -

CloudShell Feedback

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