Azure Devops Pipeline, Configuring git in Databricks

Name: Aathirainathan P

Date: 12-12-2024

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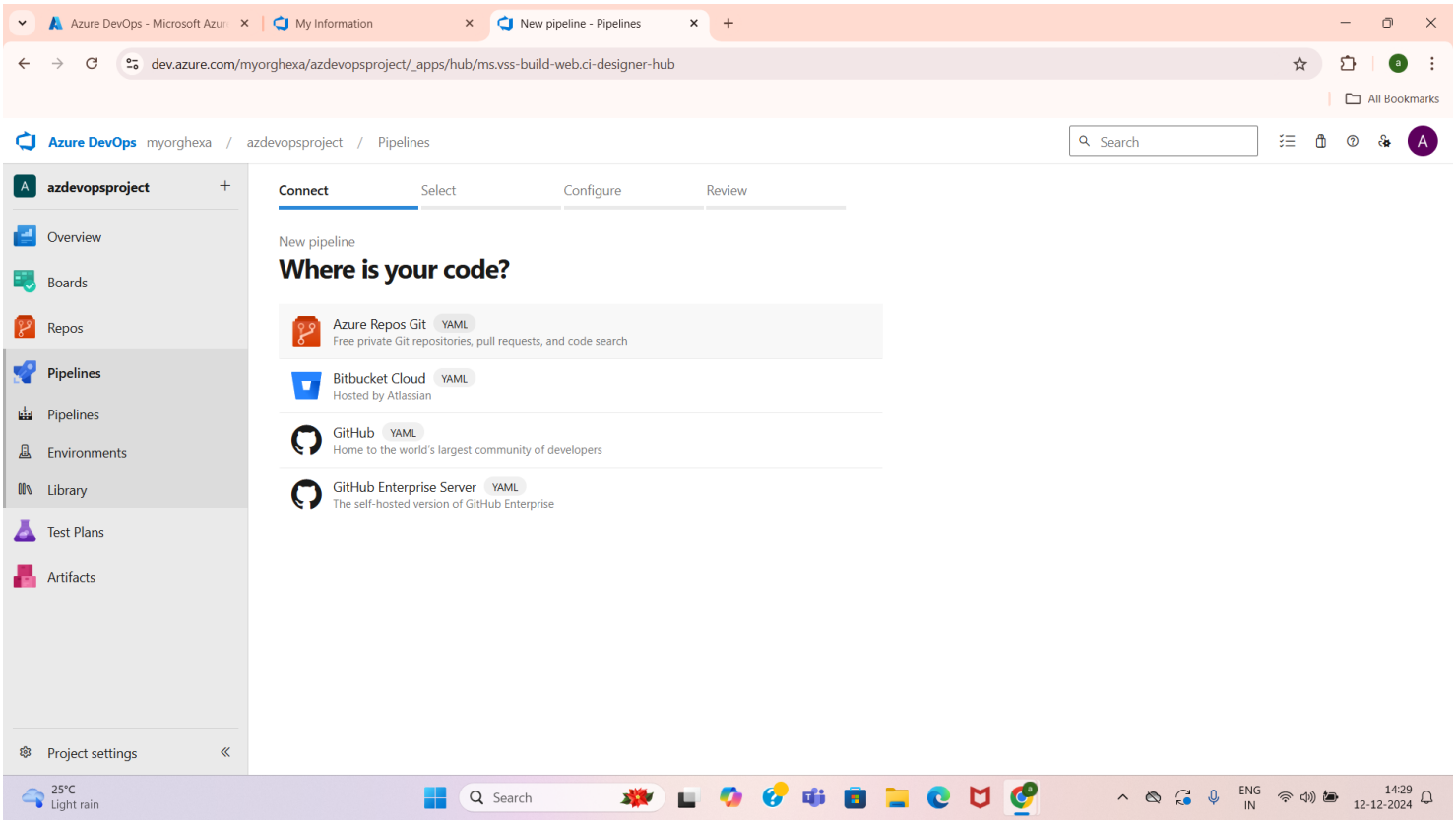
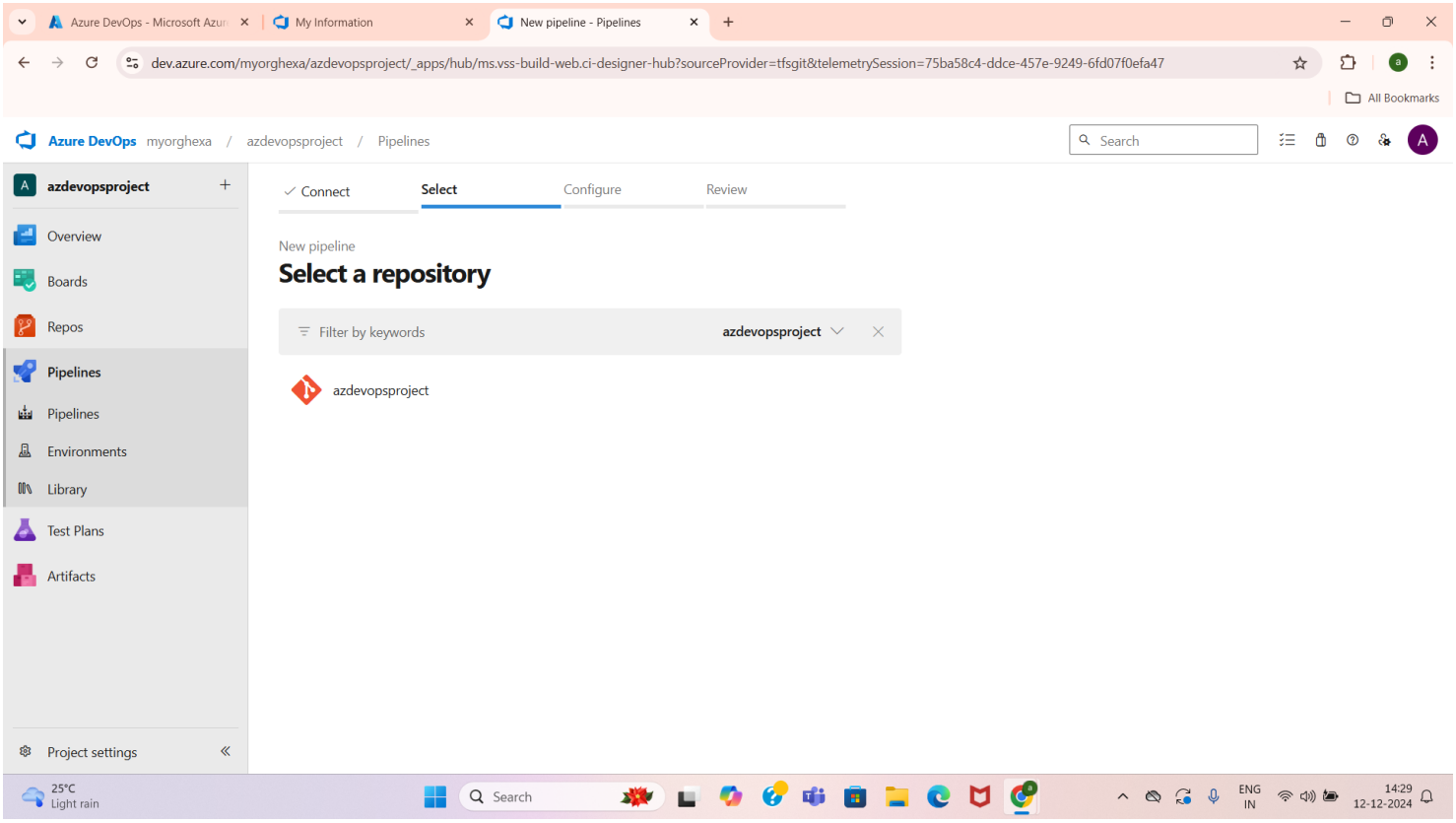
1. Creating a pipeline:




Azure DevOps - Microsoft Azur
My Information
New pipeline - Pipelines
dev.azure.com/myorghexa/azdevopsproject/_apps/hub/ms.vss-build-web.ci-designer-hub?sourceProvider=tfsgit&telemetrySession=75ba58c4-ddce-457e-9249-6fd07f0efa47
All Bookmarks
Azure DevOps myorghexa / azdevopsproject / Pipelines
Search
azdevopsproject
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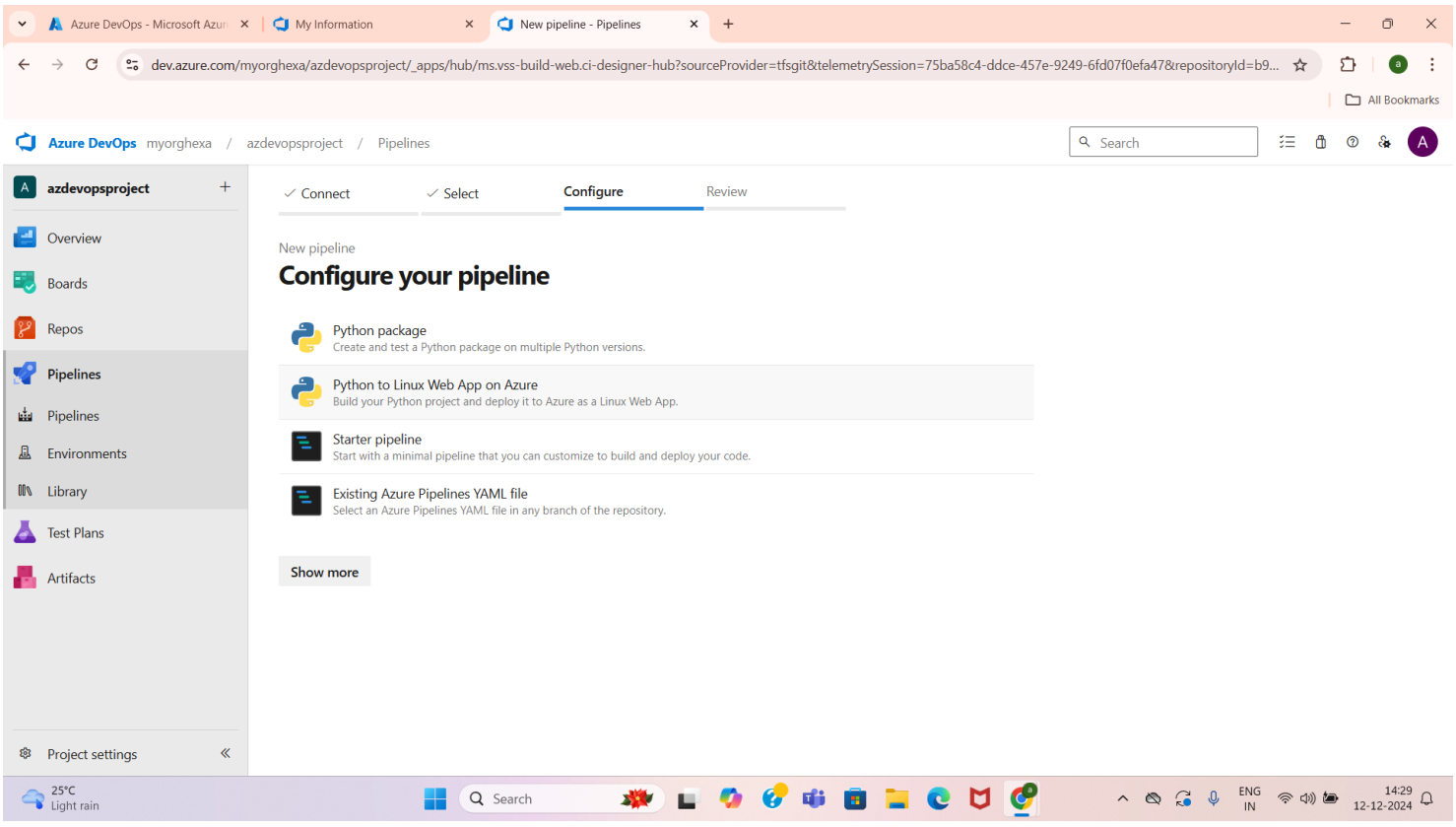
Pipelines
Pipelines
Environments
Library
Test Plans
Artifacts
Project settings
Connect
Select
Configure
Review
New pipeline
Select a repository
Filter by keywords
azdevopsproject
azdevopsproject
25°C
Light rain
Search
ENG
IN
14:29
12-12-2024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My Information
New pipeline - Pipelines
dev.azure.com/myorghexa/azdevopsproject/_apps/hub/ms.vss-build-web.ci-designer-hub?sourceProvider=tfsgit&telemetrySession=75ba58c4-ddce-457e-9249-6fd07f0efa47&repositoryId=b9...
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Pipelines
Environments
Library
Test Plans
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Project settings
Connect
Select
Configure
Review
New pipeline
Configure your pipeline
Python package
Create and test a Python package on multiple Python versions.
Python to Linux Web App on Azure
Build your Python project and deploy it to Azure as a Linux Web App.
Starter pipeline
Start with a minimal pipeline that you can customize to build and deploy your code.
Existing Azure Pipelines YAML file
Select an Azure Pipelines YAML file in any branch of the repository.
Show more
25°C
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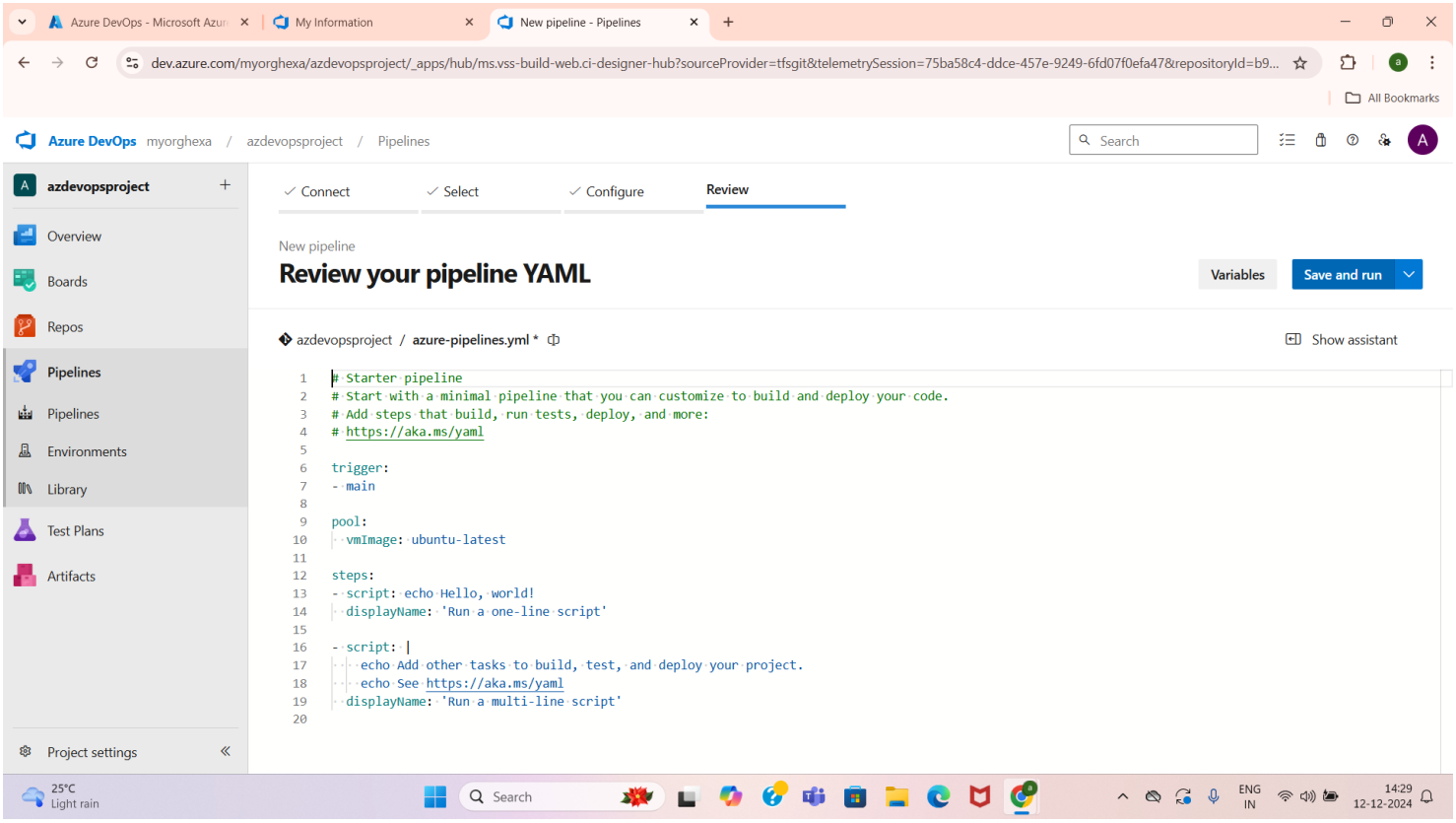
12-12-2024


Azure DevOps - Microsoft Azur
My Information
New pipeline - Pipelines
dev.azure.com/myorghexa/azdevopsproject/_apps/hub/ms.vss-build-web.ci-designer-hub?sourceProvider=tfsgit&telemetrySession=75ba58c4-ddce-457e-9249-6fd07f0efa47&repositoryId=b9...
All Bookmarks
Azure DevOps myorghexa / azdevopsproject / Pipelines
Search
azdevopsproject
Overview
Boards
Repos
Pipelines
Pipelines
Environments
Library
Test Plans
Artifacts
Project settings
✓ Connect
✓ Select
✓ Configure
Review
New pipeline
Review your pipeline YAML
Variables
Save and run
azdevopsproject / azure-pipelines.yml *
Show assistant
1 # Starter pipeline
2 # Start with a minimal pipeline that you can customize to build and deploy your code.
3 # Add steps that build, run tests, deploy, and more:
4 # https://aka.ms/yaml
5
6 trigger:
7 - main
8
9 pool:
10 vmImage: ubuntu-latest
11
12 steps:
13 - script: echo Hello, world!
14 displayName: 'Run a one-line script'
15
16 - script: |
17 echo Add other tasks to build, test, and deploy your project.
18 echo See https://aka.ms/yaml
19 displayName: 'Run a multi-line script'
20
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Search
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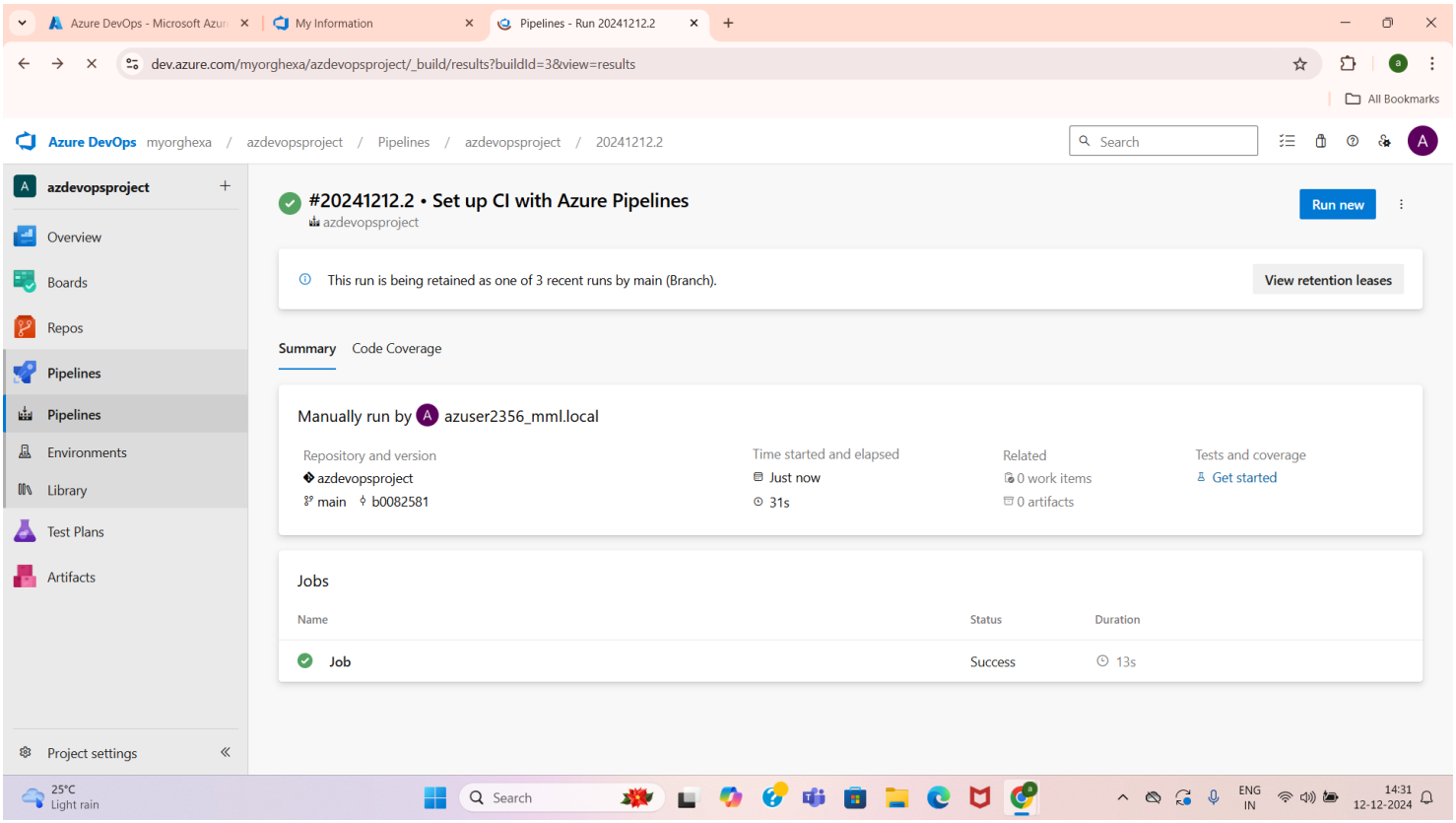
IN
14:29
12-12-2024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Pipelines - Run 20241212.2
dev.azure.com/myorghexa/azdevopsproject/_build/results?buildId=3&view=results
All Bookmarks
Azure DevOps myorghexa / azdevopsproject / Pipelines / azdevopsproject / 20241212.2
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Overview
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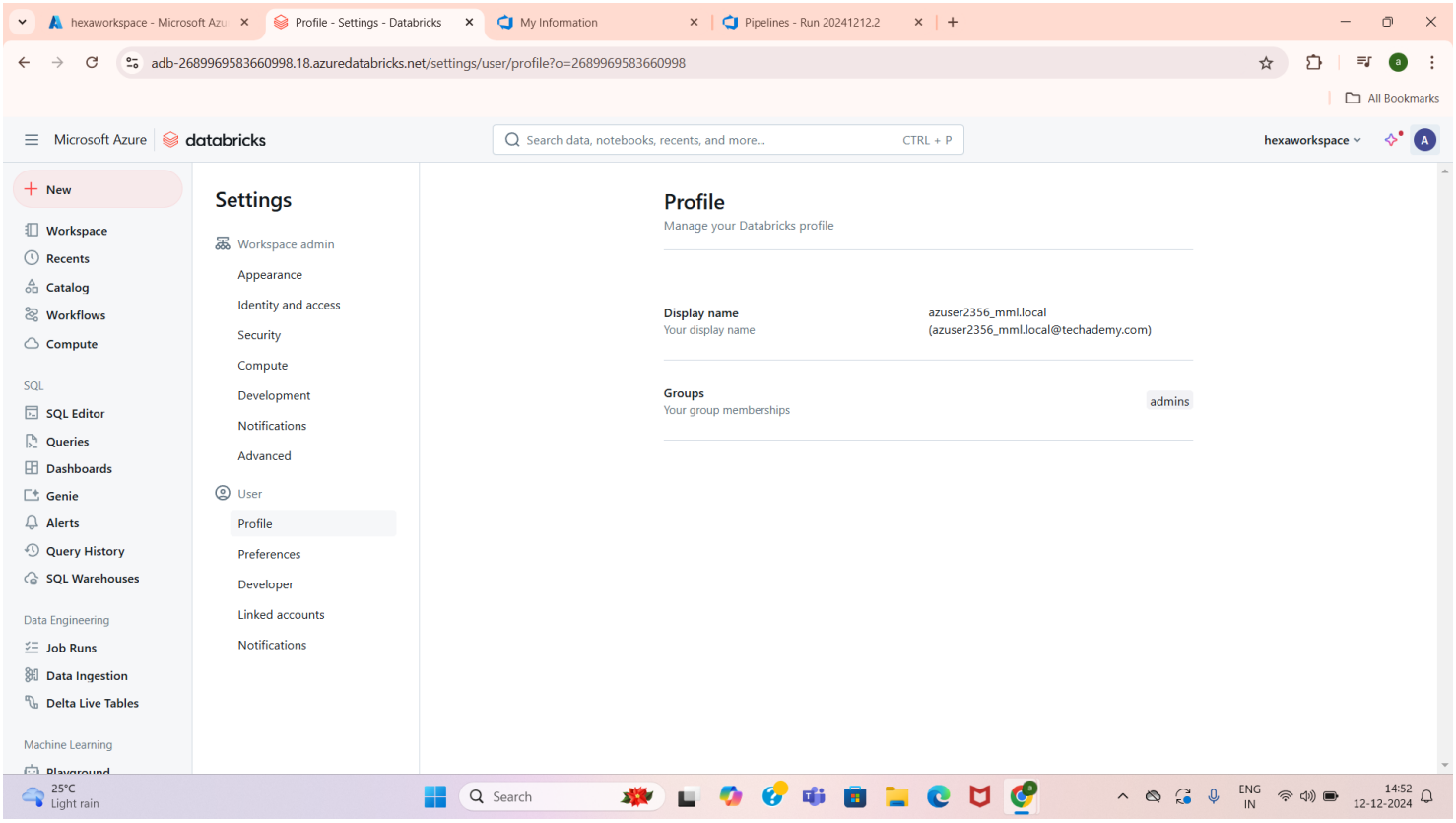
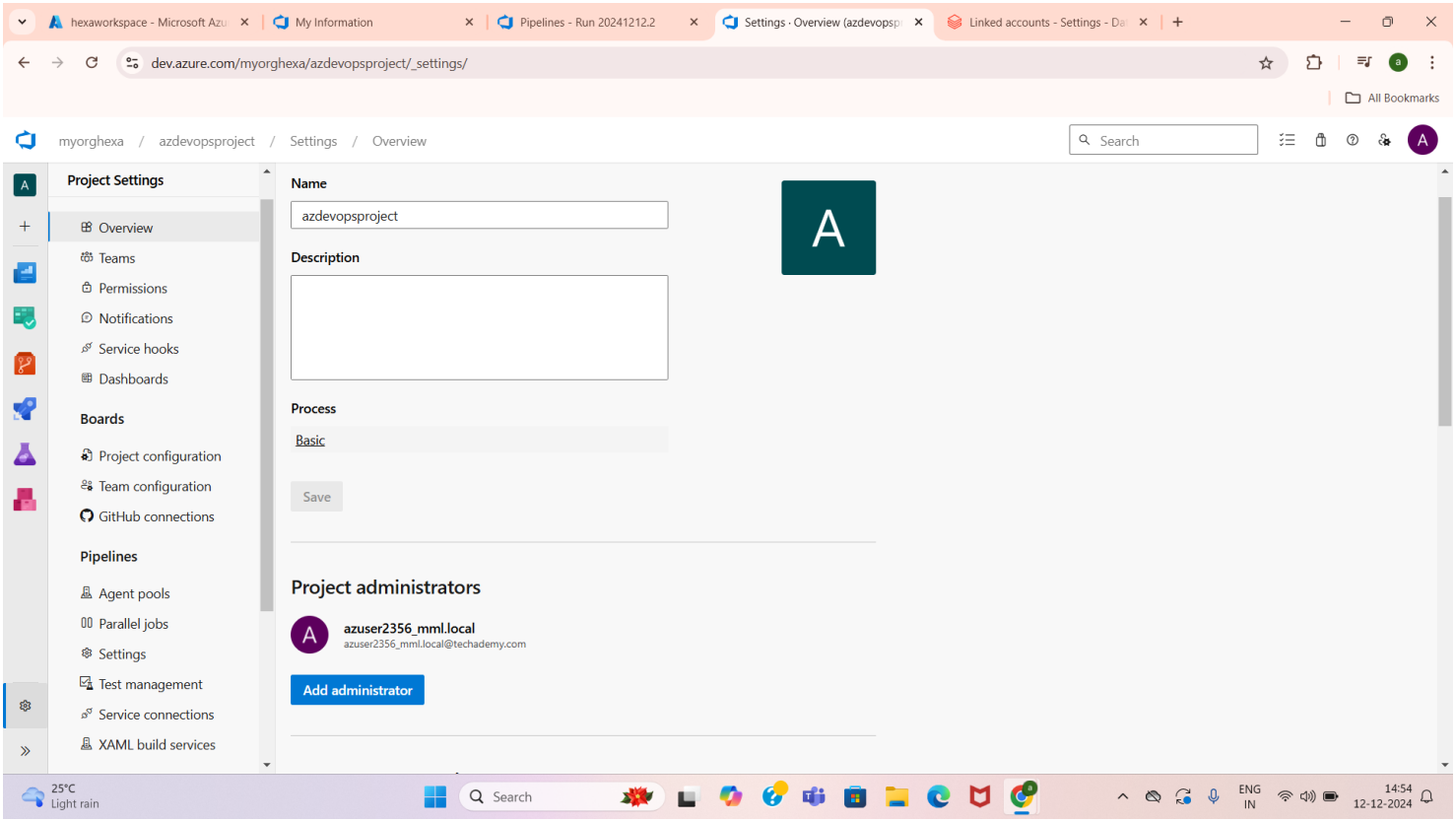
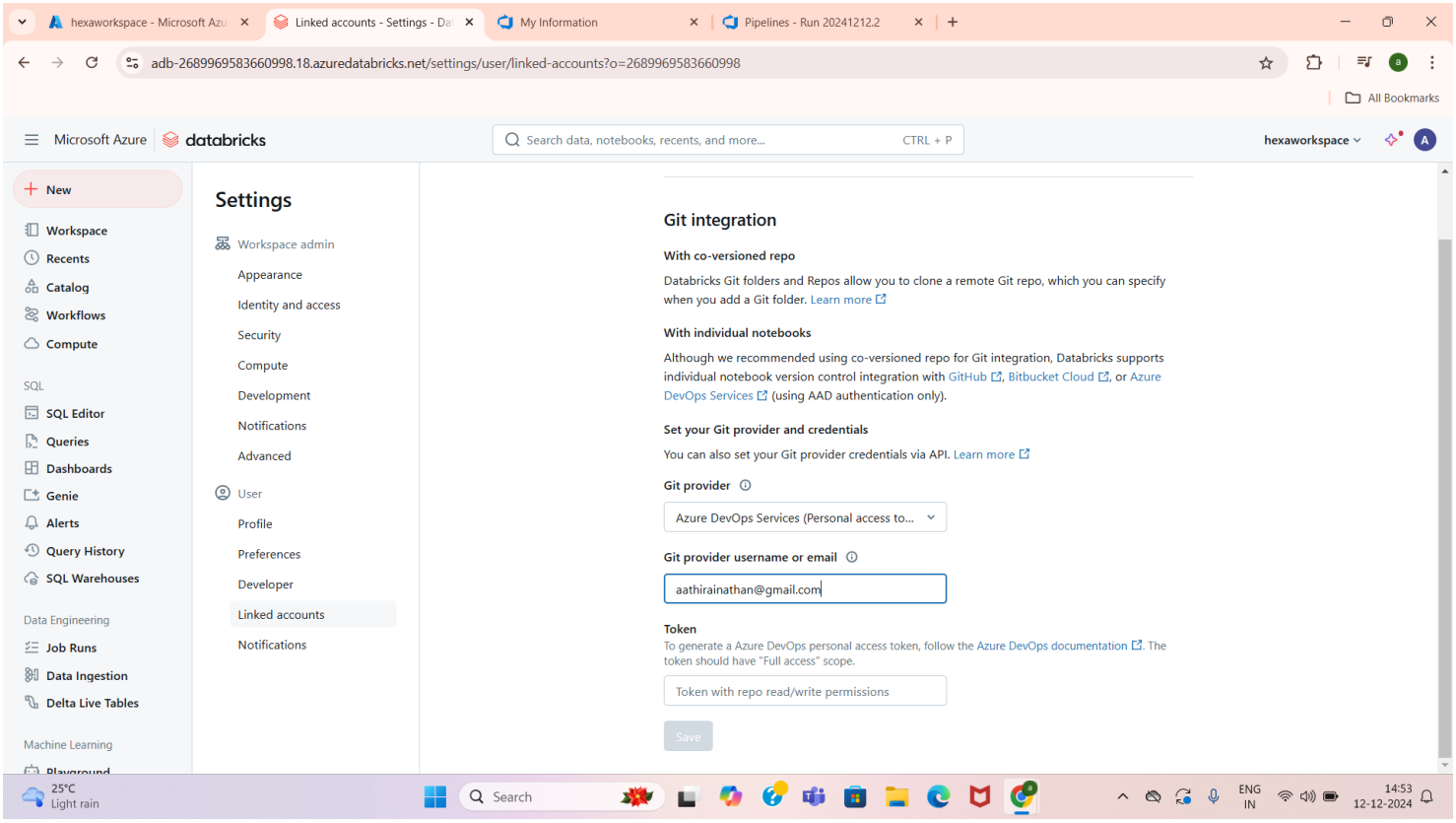
Repos
Pipelines
Pipelines
Environments
Library
Test Plans
Artifacts
Project settings
#20241212.2 • Set up CI with Azure Pipelines
azdevopsproject
Run new
This run is being retained as one of 3 recent runs by main (Branch).
View retention leases
Summary
Code Coverage
Manually run by azuser2356_mml.local
Repository and version
azdevopsproject
main b0082581
Time started and elapsed
Just now
31s
Related
0 work items
0 artifacts
Tests and coverage
Get started
Jobs
Name
Status
Duration
Job
Success
13s
25°C
Light rain
Search
ENG
IN
14:31
12-12-2024

2. Configuring git in Databricks:






hexaworkspace - Microsoft Azu
Linked accounts - Settings - Da
My Information
Pipelines - Run 20241212.2
adb-2689969583660998.18.azuredatabricks.net/settings/user/linked-accounts?o=2689969583660998
All Bookmarks
Microsoft Azure
databricks
Search data, notebooks, recents, and more...
CTRL + P
hexaworkspace
New
Workspace
Recents
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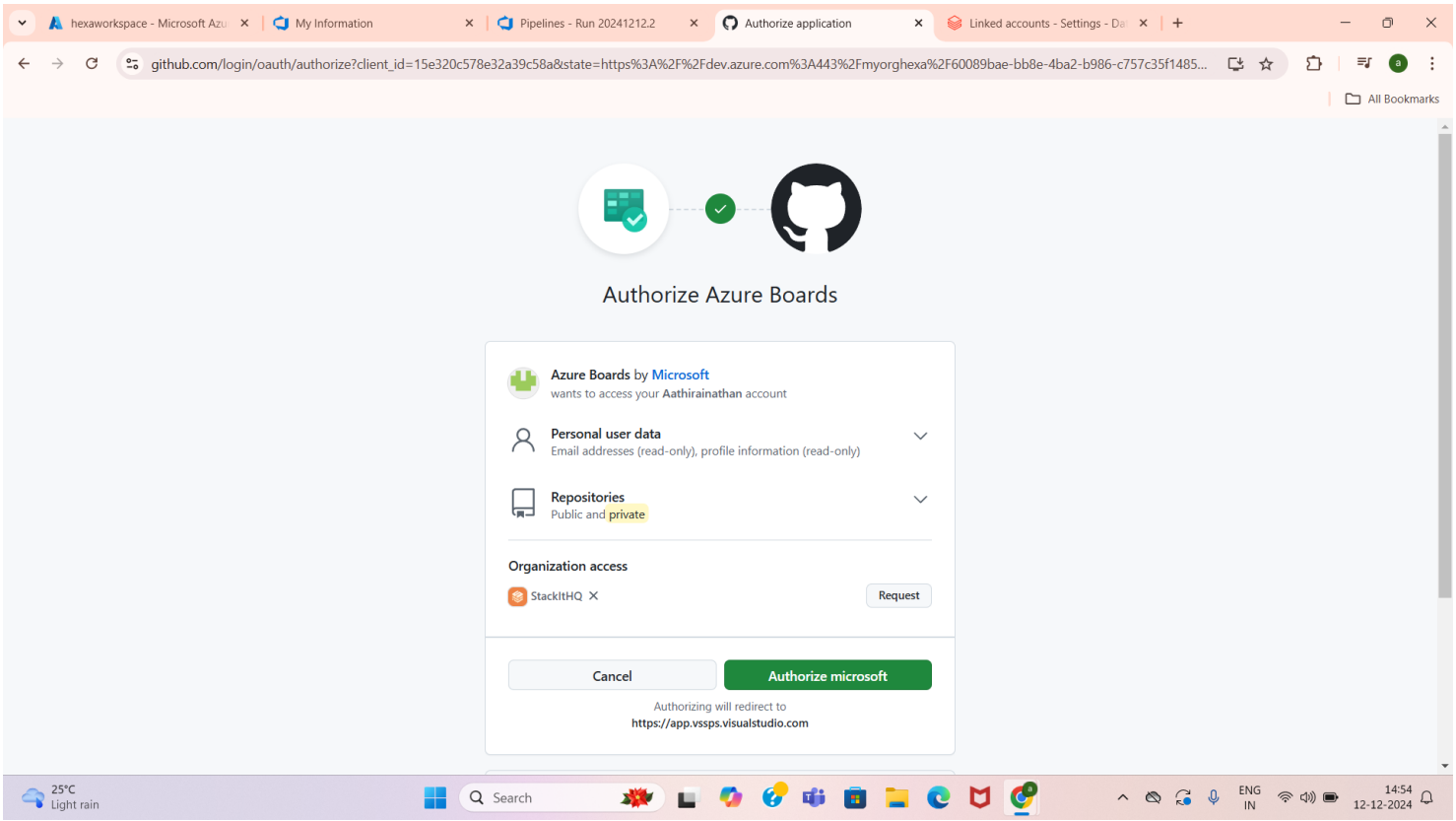
Workflows
Compute
SQL
SQL Editor
Queries
Dashboards
Genie
Alerts
Query History
SQL Warehouses
Data Engineering
Job Runs
Data Ingestion
Delta Live Tables
Machine Learning
Settings
Workspace admin
Appearance
Identity and access
Security
Compute
Development
Notifications
Advanced
User
Profile
Preferences
Developer
Linked accounts
Notifications
Git integration
With co-versioned repo
Databricks Git folders and Repos allow you to clone a remote Git repo, which you can specify when you add a Git folder. Learn more
With individual notebooks
Although we recommended using co-versioned repo for Git integration, Databricks supports individual notebook version control integration with GitHub, Bitbucket Cloud, or Azure DevOps Services (using AAD authentication only).
Set your Git provider and credentials
You can also set your Git provider credentials via API. Learn more
Git provider
Azure DevOps Services (Personal access to...
Git provider username or email
aathirainathan@gmail.com
Token
To generate a Azure DevOps personal access token, follow the Azure DevOps documentation. The token should have "Full access" scope.
Token with repo read/write permissions
Save
25°C
Light rain
Search
ENG
IN
14:53
12-12-2024


hexaworkspace - Microsoft Azu
My Information
Pipelines - Run 20241212.2
Authorize application
Linked accounts - Settings - Da
github.com/login/oauth/authorize?client_id=15e320c578e32a39c58a&state=https%3A%2F%2Fdev.azure.com%3A443%2Fmyorghexa%2F60089bae-bb8e-4ba2-b986-c757c35f1485...
All Bookmarks
Authorize Azure Boards
Azure Boards by Microsoft
wants to access your Aathirainathan account
Personal user data
Email addresses (read-only), profile information (read-only)
Repositories
Public and private
Organization access
StackItHQ
Request
Cancel
Authorize microsoft
Authorizing will redirect to
https://app.vssps.visualstudio.com
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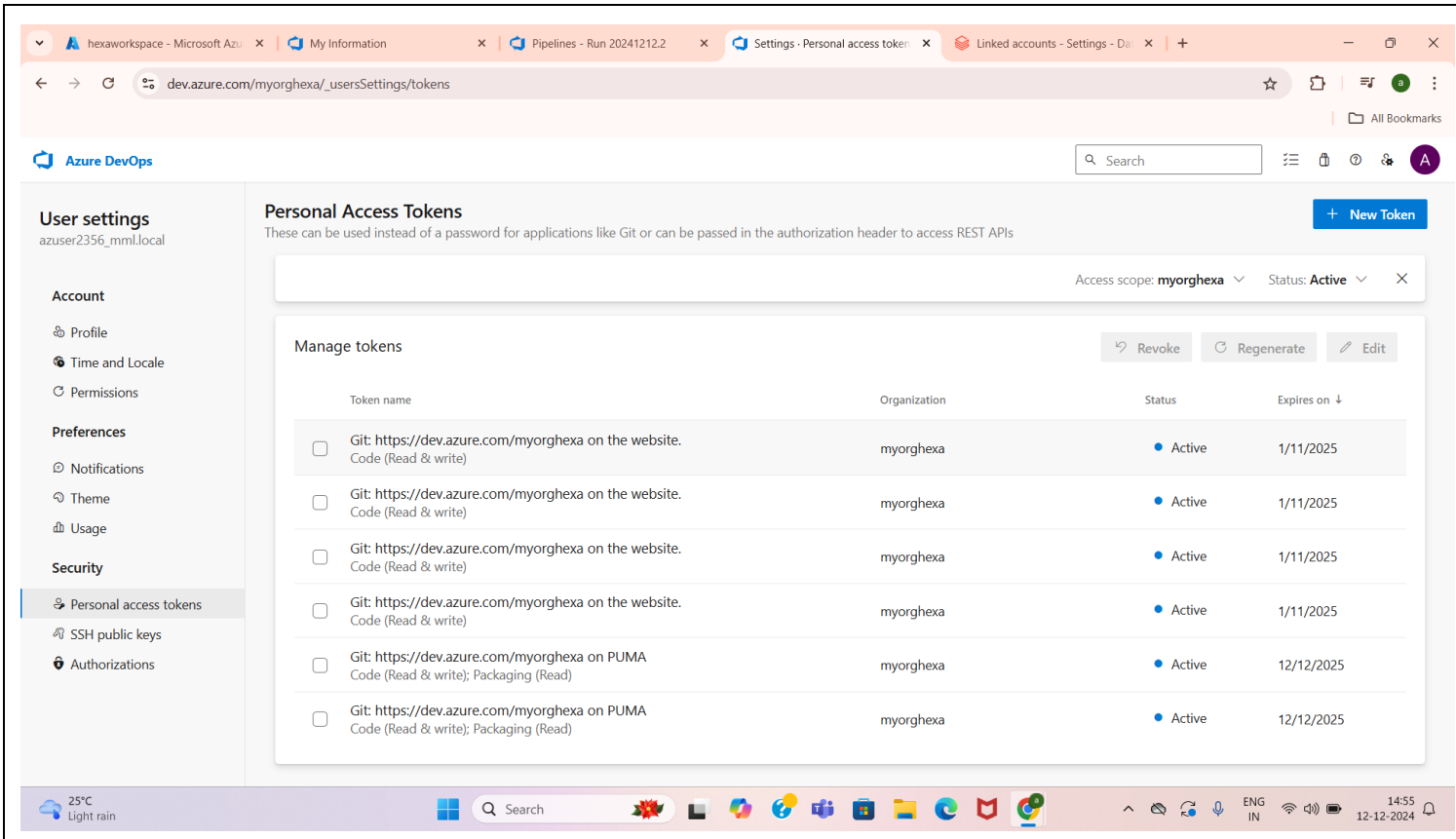
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My Information
Pipelines - Run 20241212.2
Settings · Personal access token
Linked accounts - Settings - Da
dev.azure.com/myorghexa/_usersSettings/tokens
All Bookmarks
Azure DevOps
Search
User settings
azuser2356_mml.local
Account
Profile
Time and Locale
Permissions
Preferences
Notifications
Theme
Usage
Security
Personal access tokens
SSH public keys
Authorizations
Personal Access Tokens
These can be used instead of a password for applications like Git or can be passed in the authorization header to access REST APIs
New Token
Access scope: myorghexa
Status: Active
Manage tokens
Revoke
Regenerate
Edit
Token name
Organization
Status
Expires on
Git: https://dev.azure.com/myorghexa on the website.
Code (Read & write)
myorghexa
Active
1/11/2025
Git: https://dev.azure.com/myorghexa on PUMA
Code (Read & write); Packaging (Read)
12/12/2025
25°C
Light rain
Search
ENG
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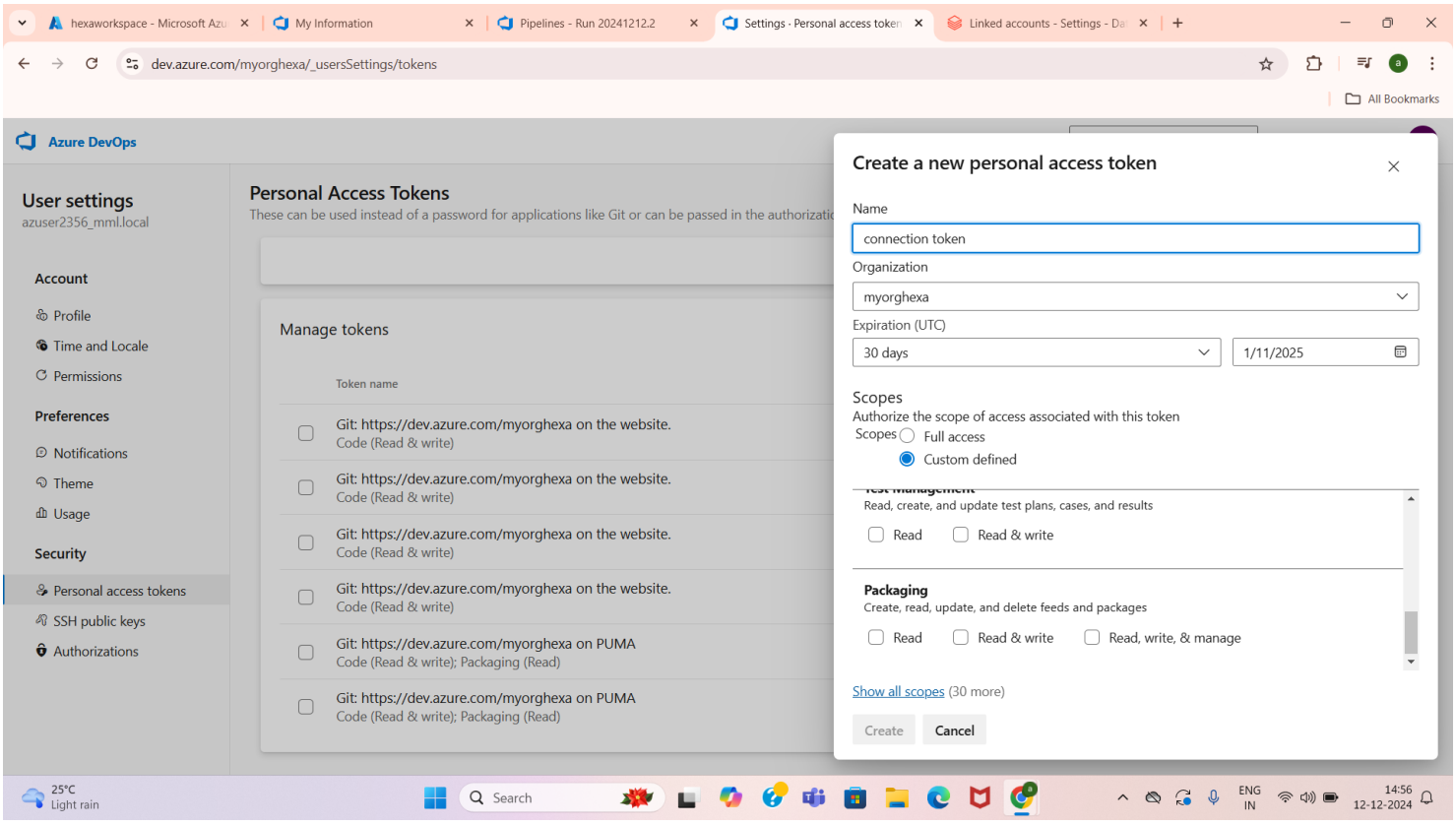
14:55
12-12-2024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Pipelines - Run 20241212.2
Settings - Personal access token
Linked accounts - Settings - Da
dev.azure.com/myorghexa/_usersSettings/tokens
All Bookmarks
Azure DevOps
User settings
azuser2356_mml.local
Personal Access Tokens
Manage tokens
Create a new personal access token
Name
connection token
Organization
myorghexa
Expiration (UTC)
30 days
1/11/2025
Scopes
Authorize the scope of access associated with this token
Full access
Custom defined
Read, create, and update test plans, cases, and results
Read
Read & write
Packaging
Create, read, update, and delete feeds and packages
Read
Read & write
Read, write, & manage
Show all scopes (30 more)
Create
Cancel
25°C
Light rain
Search
ENG
IN
14:56
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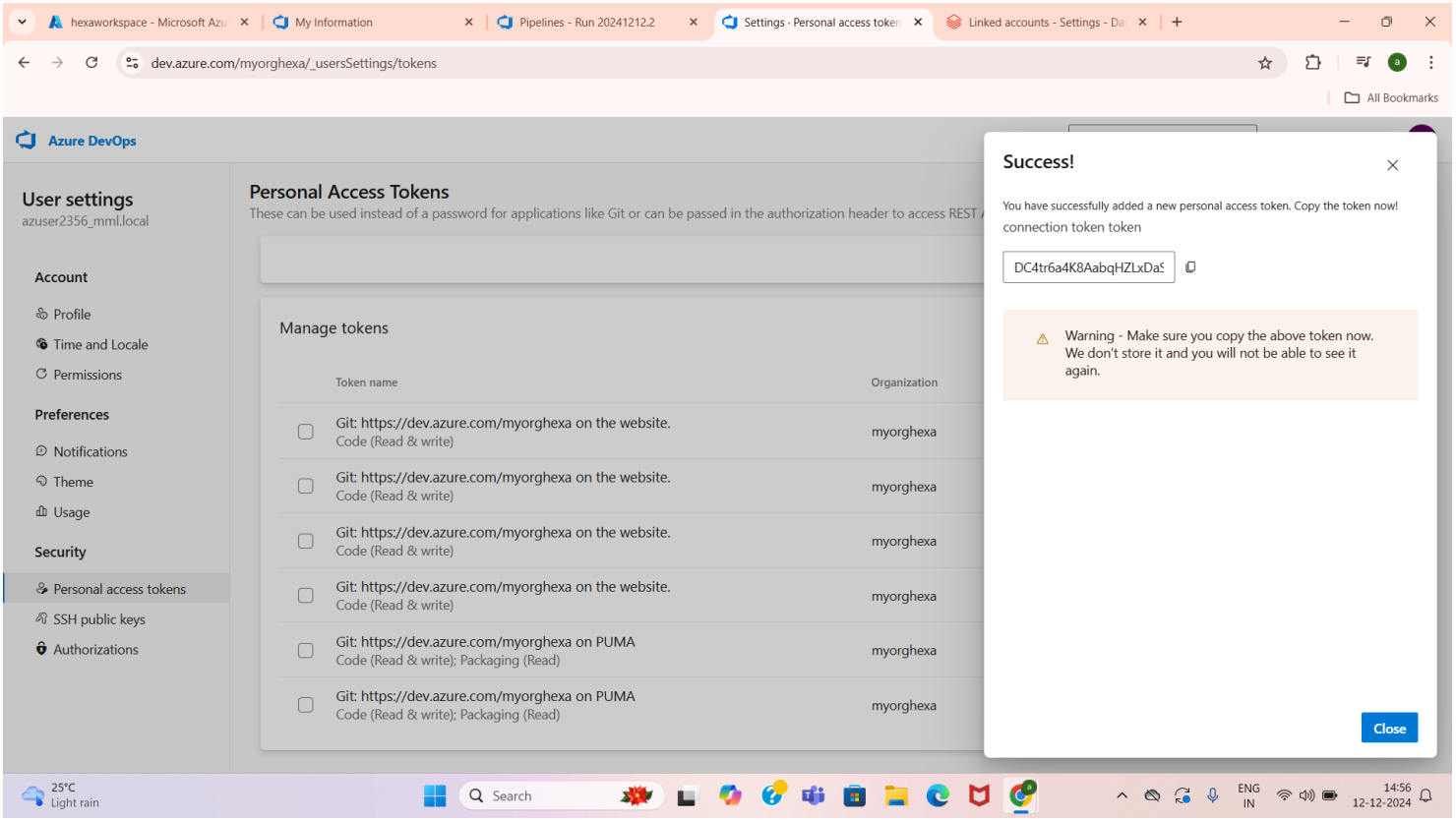
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Personal Access Tokens
These can be used instead of a password for applications like Git or can be passed in the authorization header to access REST
Manage tokens
Token name
Organization
Git: https://dev.azure.com/myorghexa on the website.
Code (Read & write)
myorghexa
Git: https://dev.azure.com/myorghexa on PUMA
Code (Read & write); Packaging (Read)
Success!
You have successfully added a new personal access token. Copy the token now!
connection token token
DC4tr6a4K8AabqHZLxDaś
Warning - Make sure you copy the above token now. We don't store it and you will not be able to see it again.
Close
25°C
Light rain
Search
ENG
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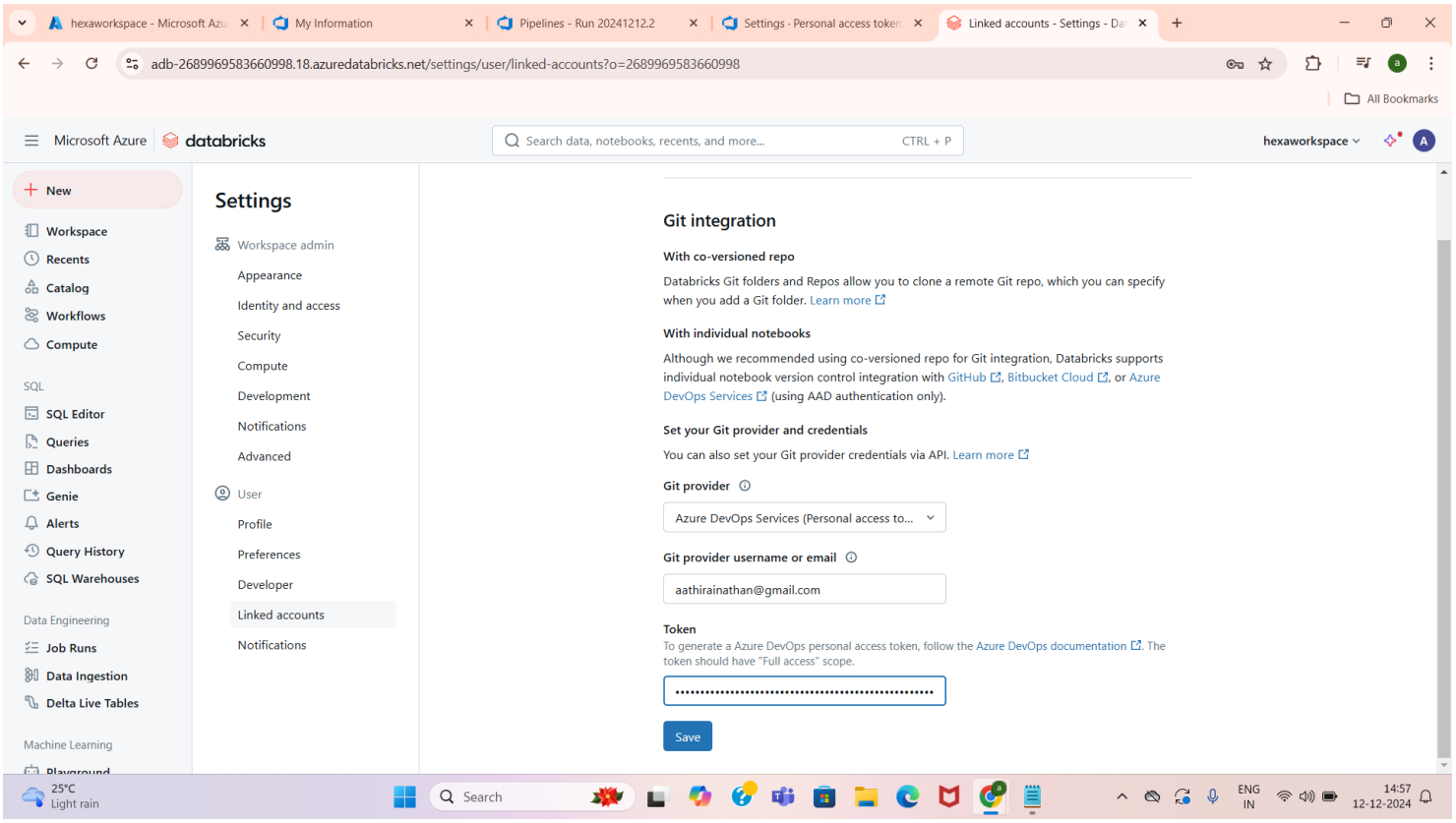
14:56
12-12-2024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Linked accounts - Settings - Da
adb-2689969583660998.18.azuredatabricks.net/settings/user/linked-accounts?o=2689969583660998
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Machine Learning
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Workspace admin
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Azure DevOps Services (Personal access to...
Git provider username or email
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Save
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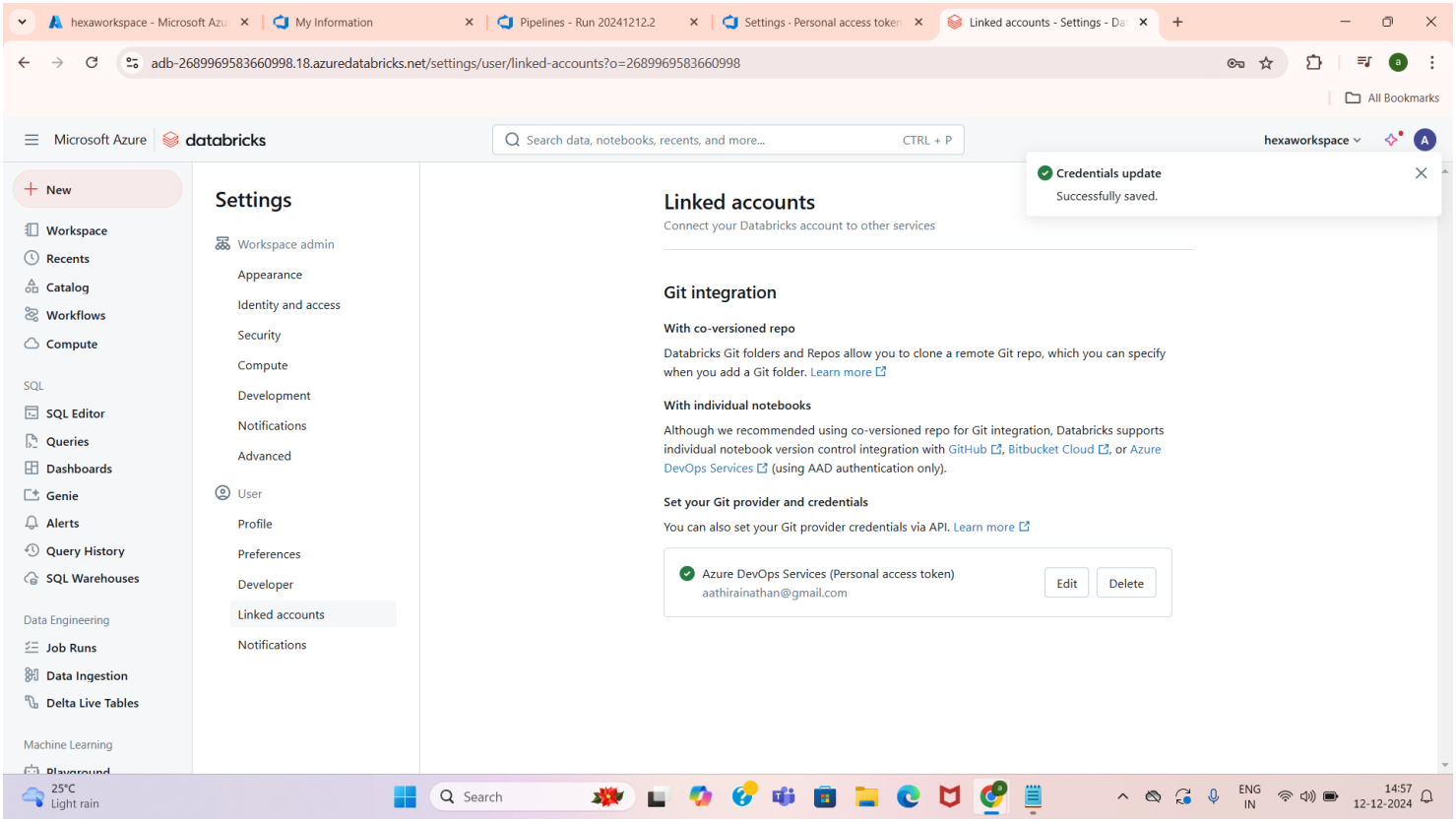
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Credentials update
Successfully saved.
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Linked accounts
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Azure DevOps Services (Personal access token)
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Delete
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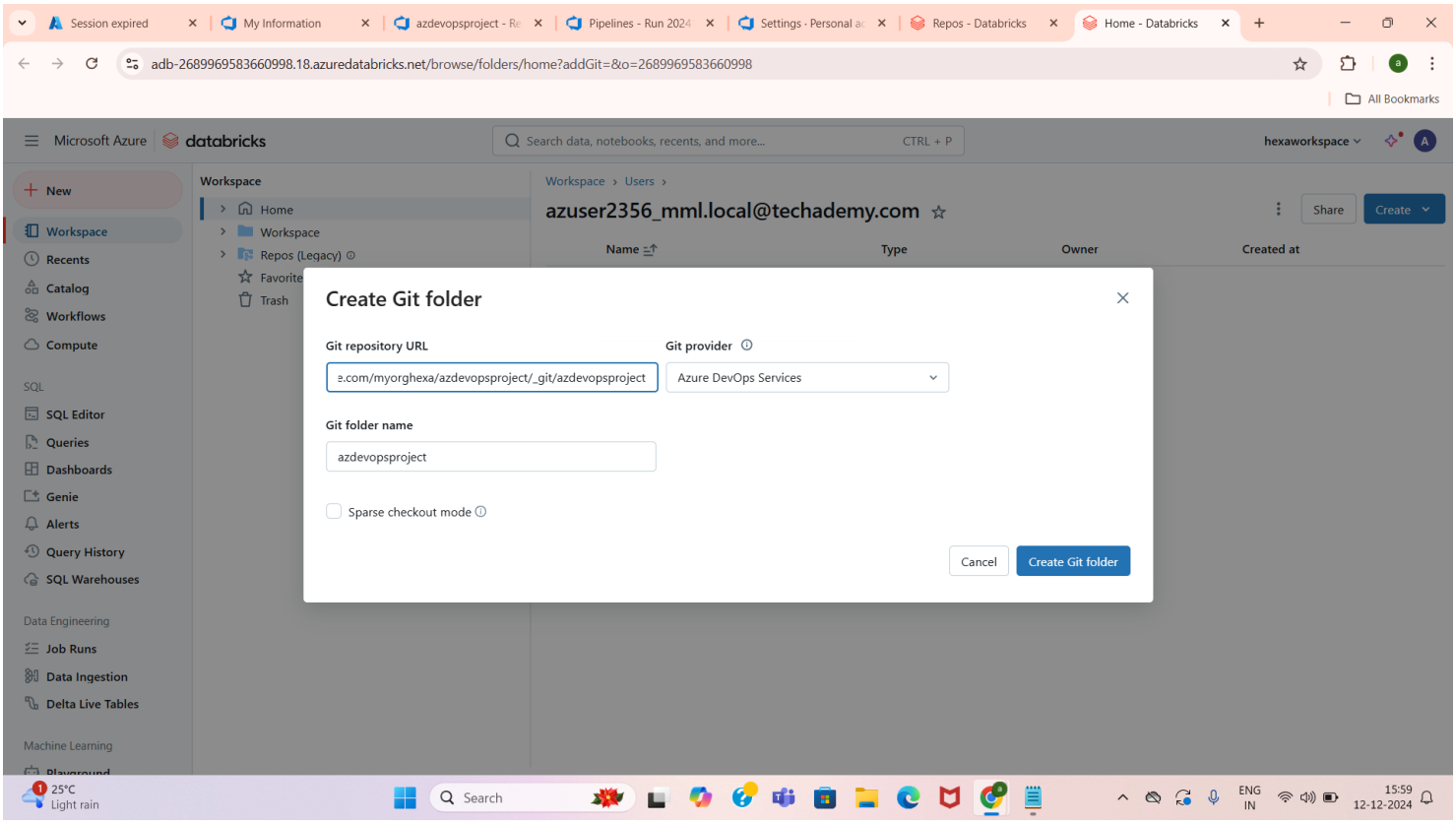
Session expired
My Information
azdevopsproject - Re
Pipelines - Run 2024
Settings - Personal ac
Repos - Databricks
Home - Databricks
adb-2689969583660998.18.azuredatabricks.net/browse/folders/home?addGit=&o=2689969583660998
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databricks
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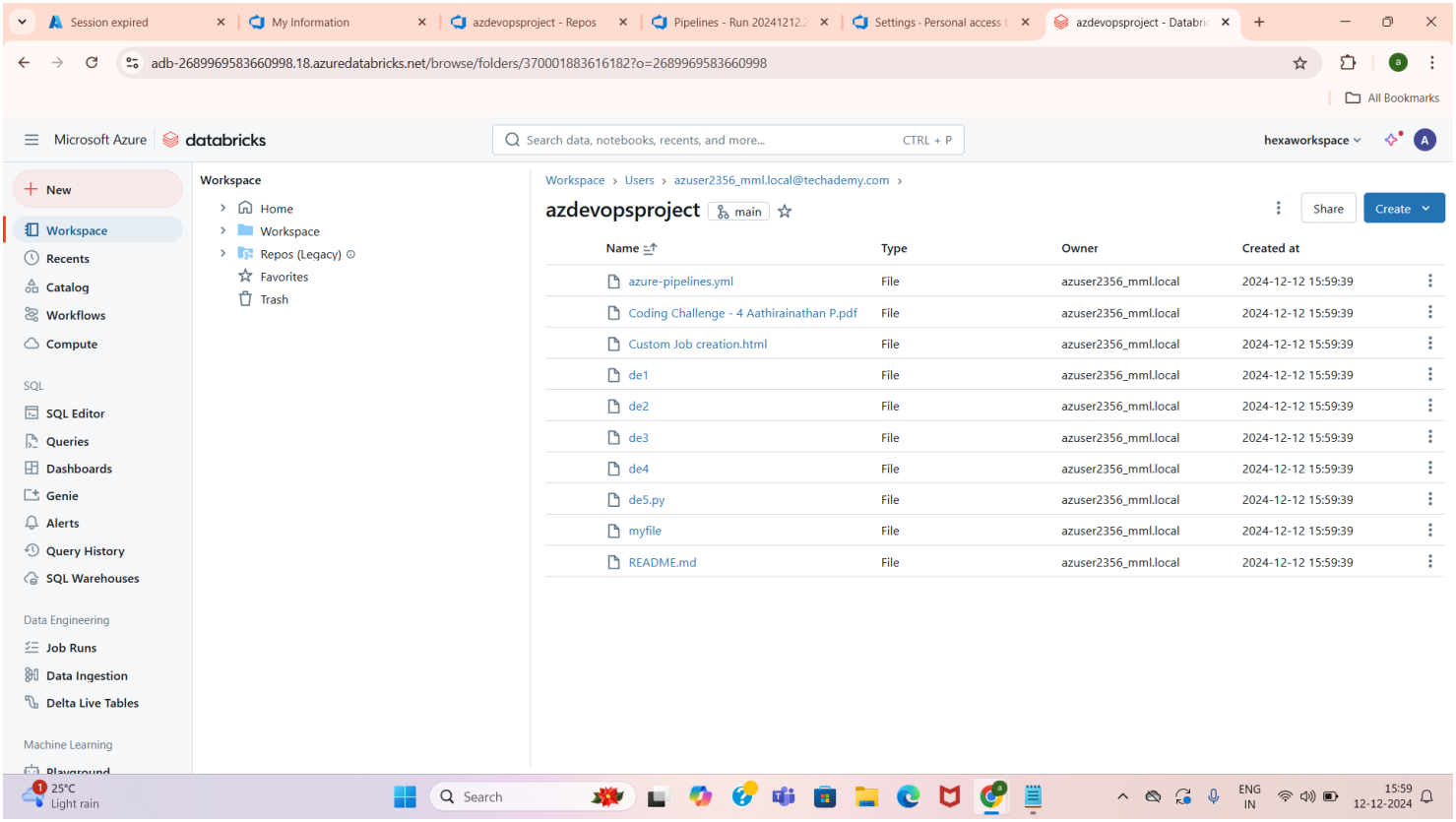
hexaworkspace
Workspace
Home
Workspace
Repos (Legacy)
Favorites
Trash
Workspace › Users ›
azuser2356_mml.local@techademy.com
Share
Create
Name
Type
Owner
Created at
Create Git folder
Git repository URL
s.com/myorghexa/azdevopsproject/_git/azdevopsproject
Git provider
Azure DevOps Services
Git folder name
azdevopsproject
Sparse checkout mode
Cancel
Create Git folder
25°C
Light rain
Search
ENG
IN
15:59
12-12-2024



Submitted by:
Aathirainathan P