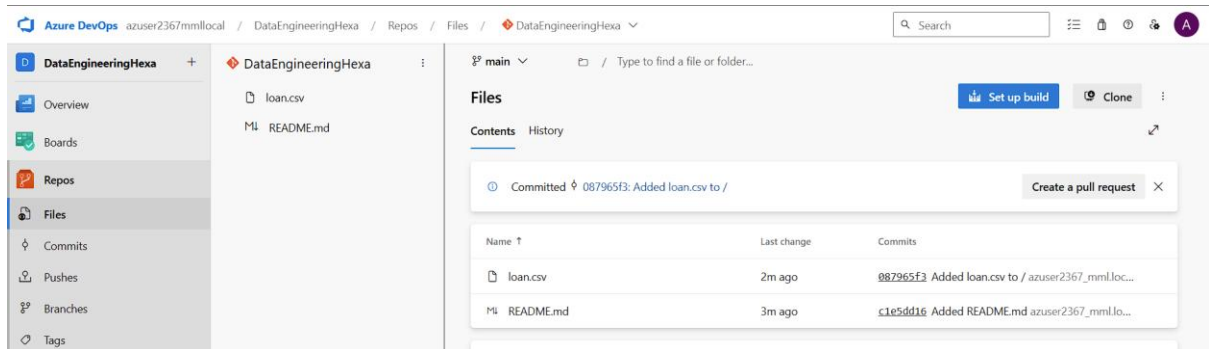


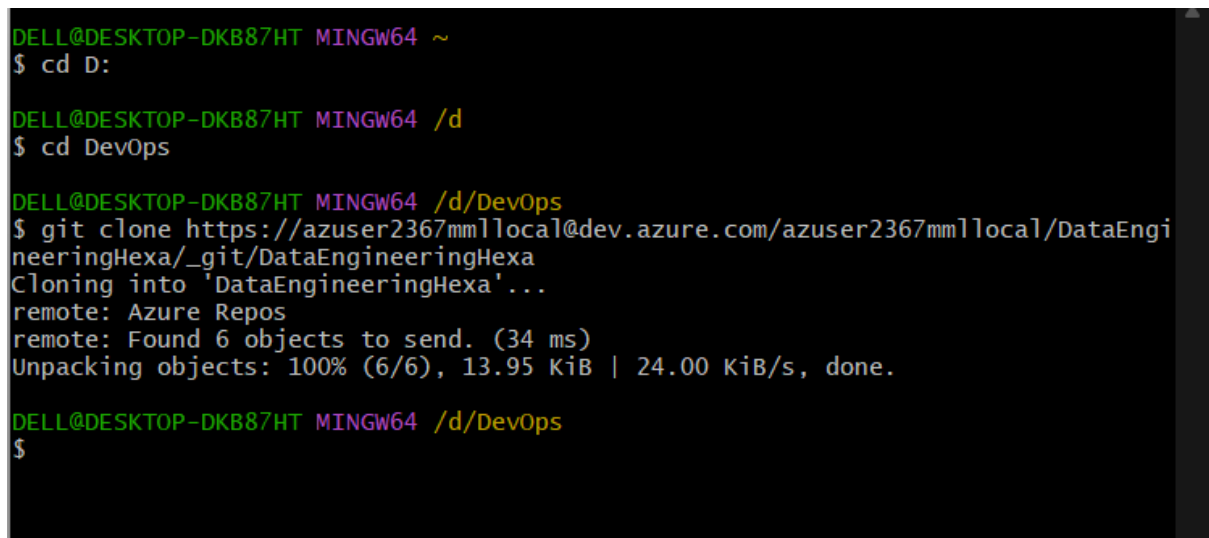
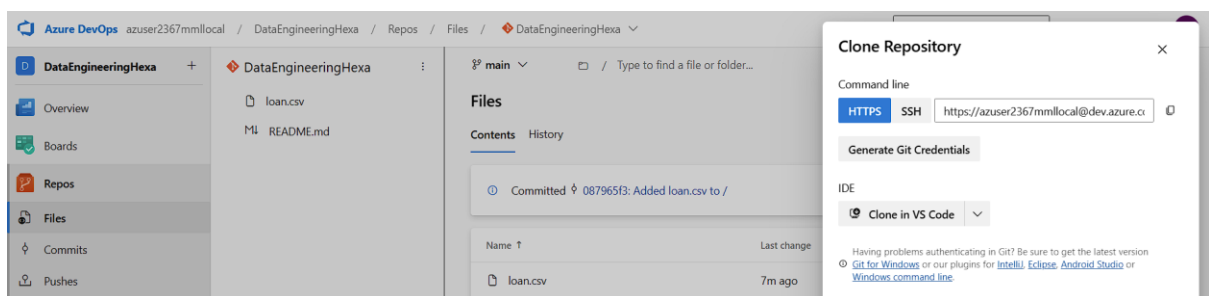
# Data Engineering Azure DevOps

## Creating Repo

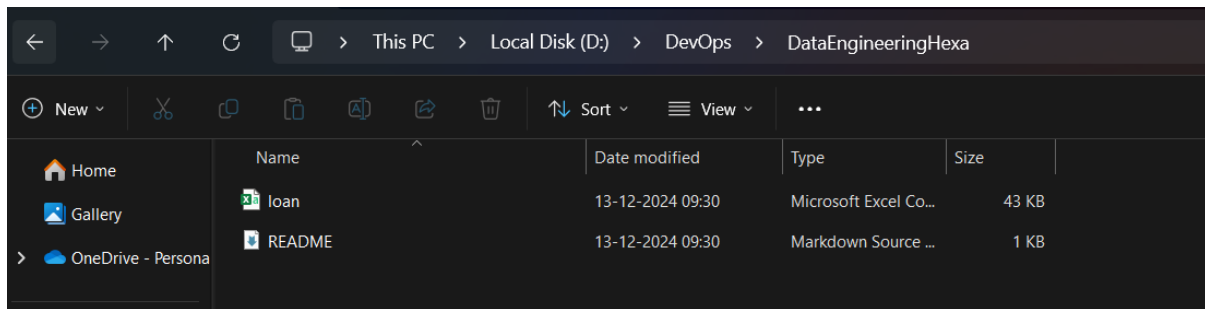
Go to Repos -> add the files and commit.



Click on the clone and copy the link and paste it in git bash. Type git clone



Give authentication -> using temporary access tokens -> (use different account & click on same account)



## From local to repo

```
DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps
$ cd DevOps
bash: cd: DevOps: No such file or directory

DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps
$ touch MyFile Myfile.ipynb

DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps
$ git add MyFile Myfile.ipynb
fatal: not a git repository (or any of the parent directories): .git

DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps
$ cd /d/DevOps/DataEngineeringHexa

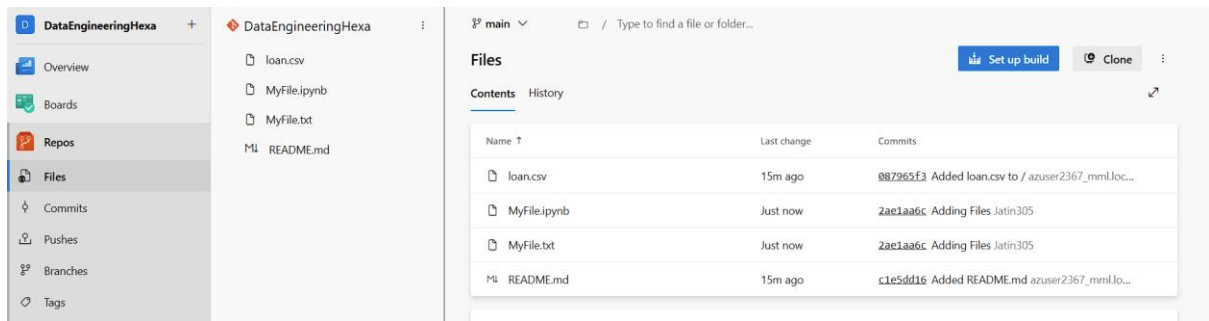
DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps/DataEngineeringHexa (main)
$ touch MyFile.txt MyFile.ipynb

DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps/DataEngineeringHexa (main)
$ git add MyFile.txt MyFile.ipynb

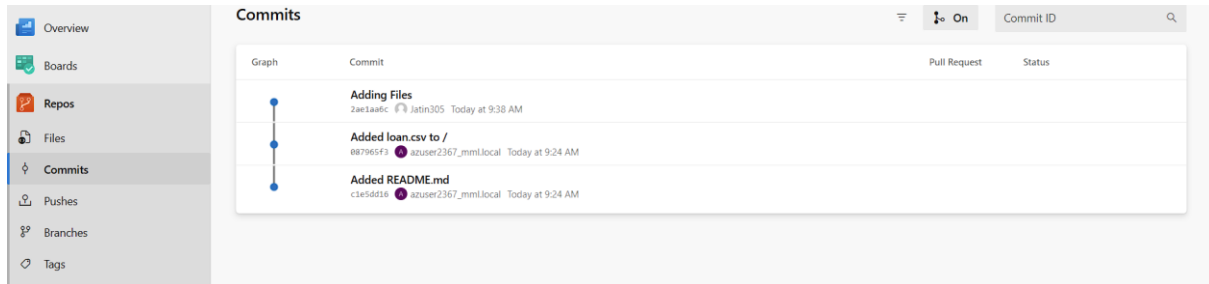
DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps/DataEngineeringHexa (main)
$ git commit -m "Adding Files"
[main 2ae1aa6] Adding Files
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 MyFile.ipynb
 create mode 100644 MyFile.txt

DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps/DataEngineeringHexa (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 318 bytes | 106.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Analyzing objects... (3/3) (5 ms)
remote: Validating commits... (1/1) done (0 ms)
remote: Storing packfile... done (26 ms)
remote: Storing index... done (31 ms)
To https://dev.azure.com/azuser2367mm1/local/DataEngineeringHexa/_git/DataEnginee
ringHexa
   087965f..2ae1aa6  main -> main

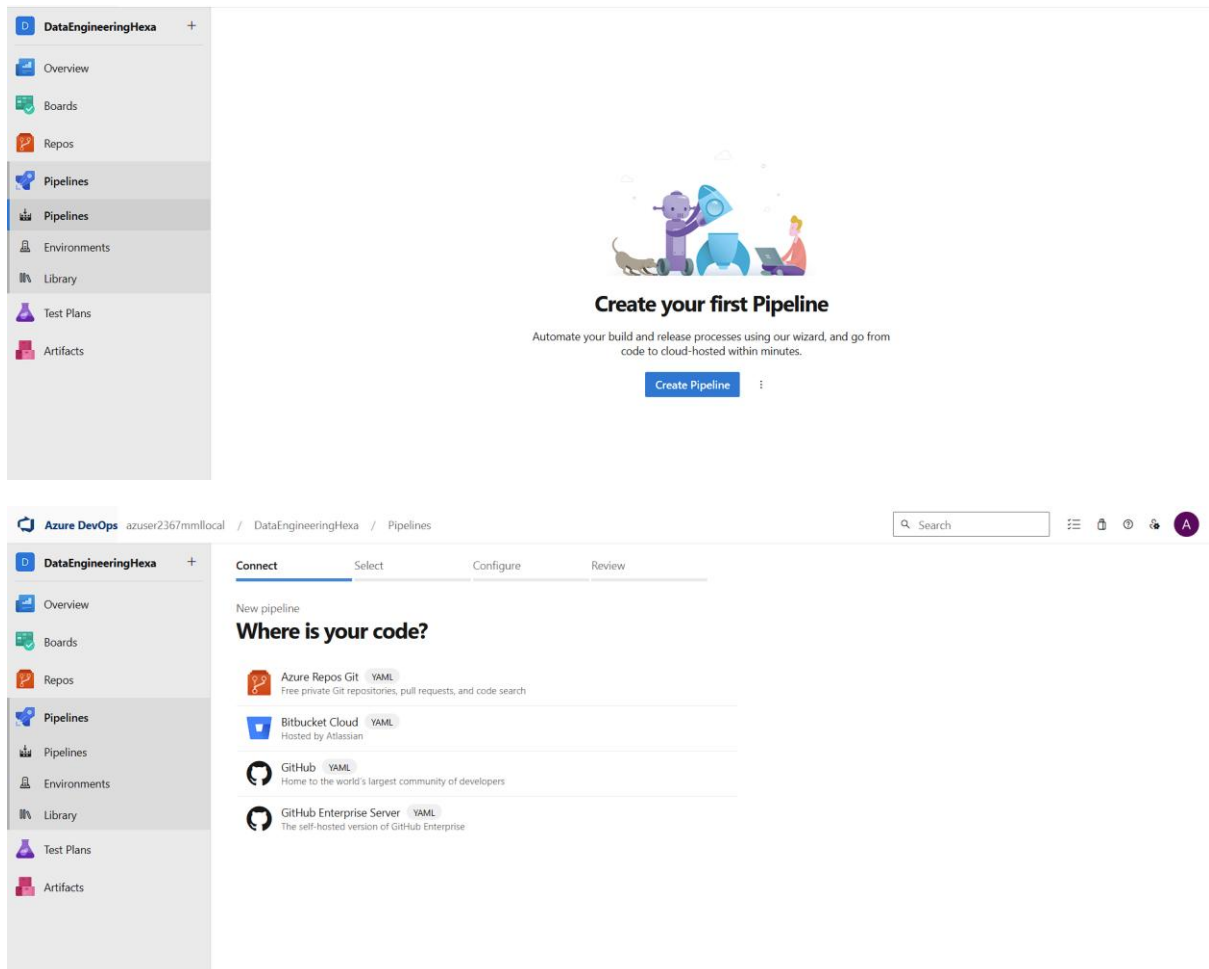
DELL@DESKTOP-DKB87HT MINGW64 /d/DevOps/DataEngineeringHexa (main)
$
```



## Check it in commits



## Pipeline creation



Azure DevOps azuser2367mmlocal / DataEngineeringHexa / Pipelines

Search

DataEngineeringHexa +

- Overview
- Boards
- Repos
- Pipelines
- Pipelines
- Environments

Connect Select **Configure** Review

New pipeline

## Select a repository

Filter by keywords DataEngineeringHexa X

DataEngineeringHexa

DataEngineeringHexa +

- Overview
- Boards
- Repos
- Pipelines
- Pipelines
- Environments
- Library
- Test Plans

Connect Select **Configure** Review

New pipeline

## Configure your pipeline

**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

## Choose starter pipeline

Azure DevOps azuser2367mmlocal / DataEngineeringHexa / Pipelines

Search

DataEngineeringHexa +

- Overview
- Boards
- Repos
- Pipelines
- Pipelines
- Environments
- Library
- Test Plans

Connect Select **Configure** Review

New pipeline

## Configure your pipeline

**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.

**.NET Core Function App to Windows on Azure**  
Build a .NET Core function app and deploy it to Azure as a Windows function App.

**.NET Desktop**  
Build and run tests for .NET Desktop or Windows classic desktop solutions.

**Android**  
Build your Android manifest with Gradle

Azure DevOps azuser2367mmlocal / DataEngineeringHexa / Pipelines

Search

DataEngineeringHexa +

- Overview
- Boards
- Repos
- Pipelines
- Pipelines
- Environments
- Library
- Test Plans
- Artifacts

Connect Select **Configure** **Review**

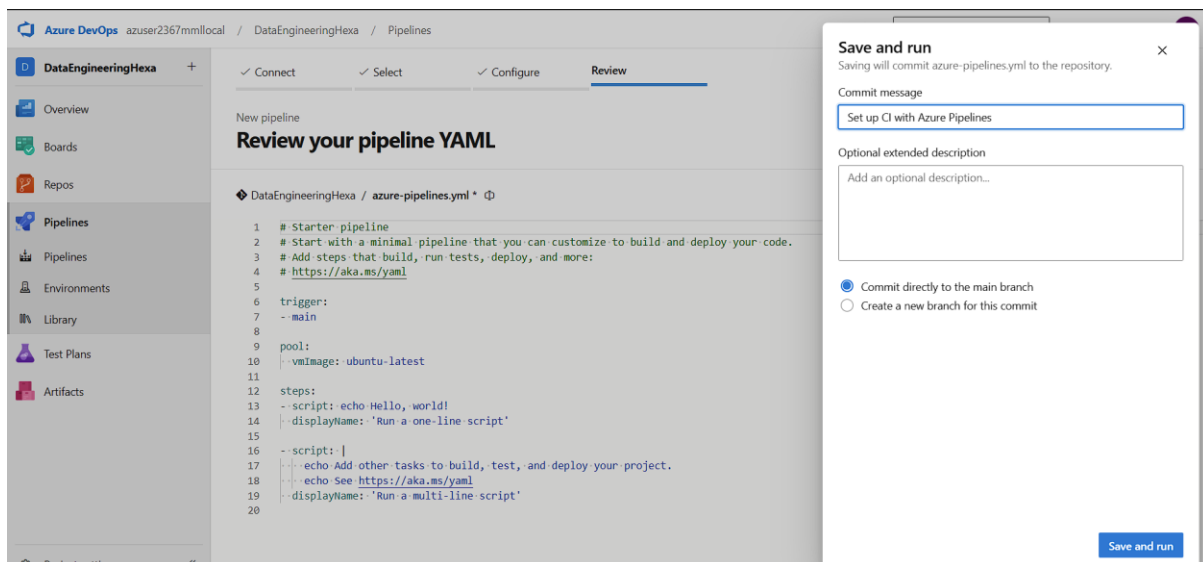
New pipeline

## Review your pipeline YAML

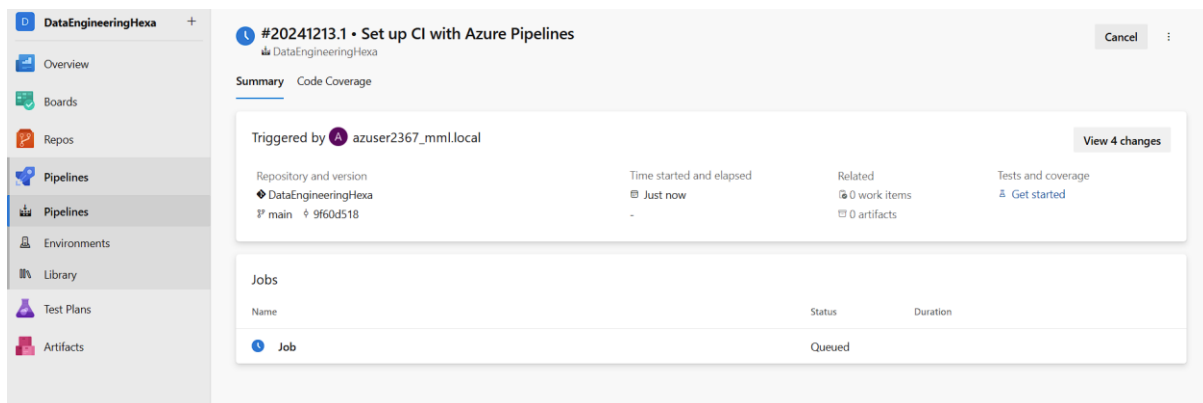
Variables Save and run

DataEngineeringHexa / azure-pipelines.yml \* Show assistant

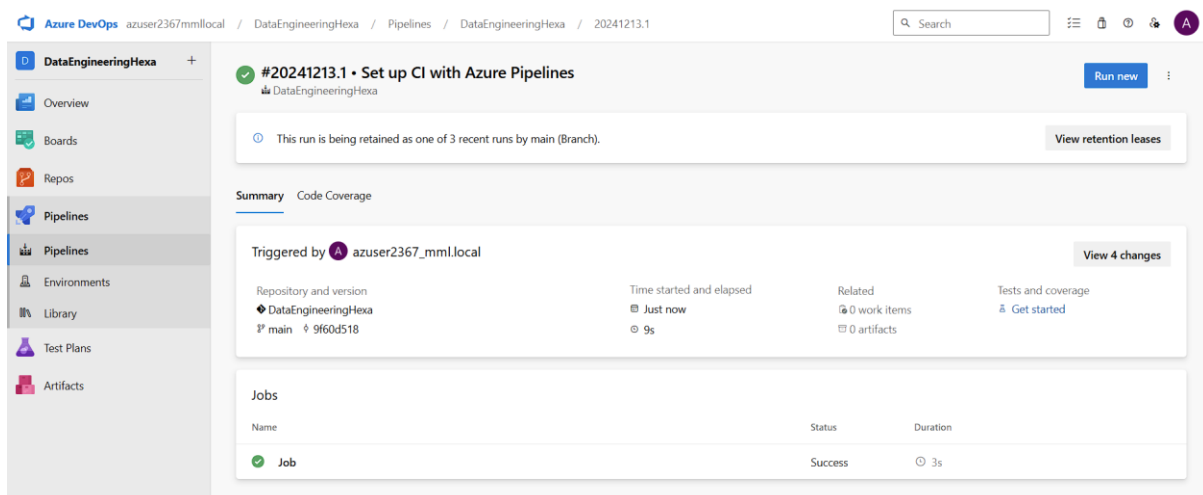
```
1 # Starter pipeline
2 # Start with a minimal pipeline that you can customize to build and deploy your code.
3 # Add steps that build, run tests, deploy, and more:
4 # https://aka.ms/yaml
5
6 trigger:
7   - main
8
9 pool:
10   - vmImage: ubuntu-latest
11
12 steps:
13   - script: echo Hello, world!
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
```



## Pipeline running

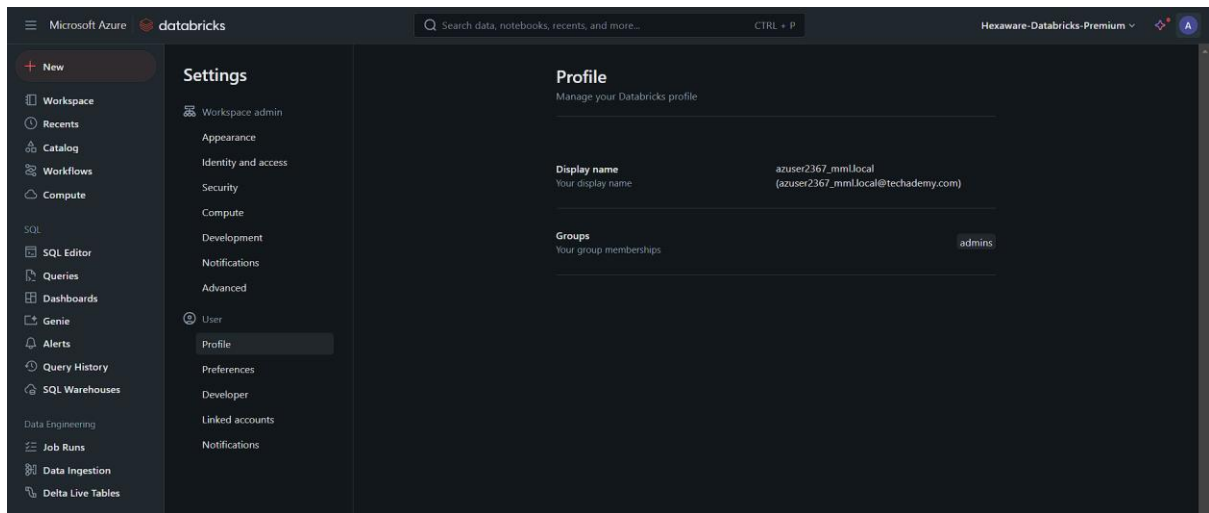


## Pipeline ran successfully

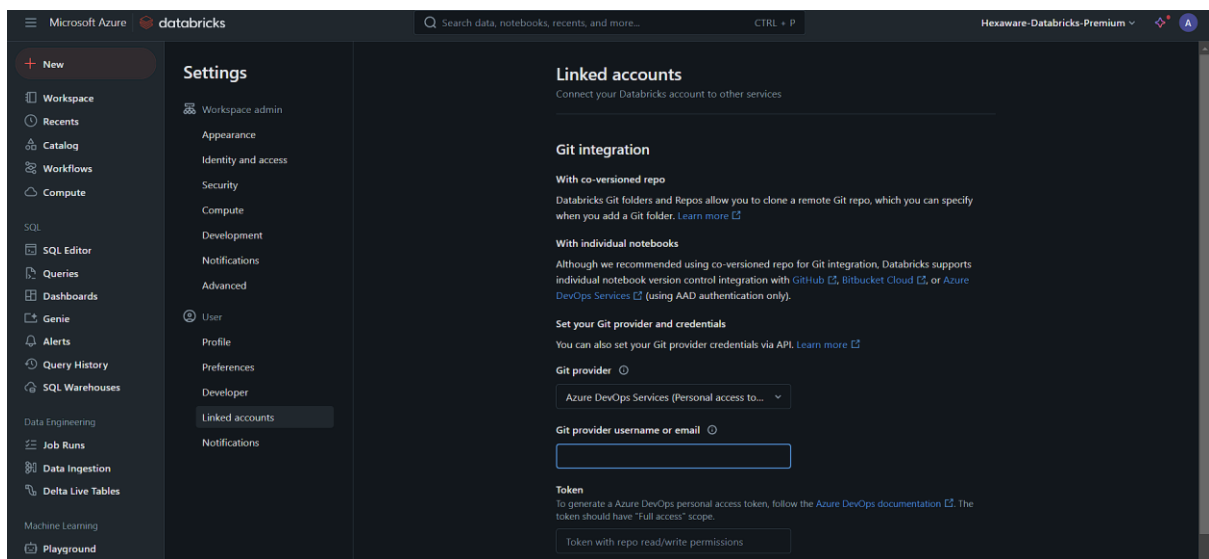


## Connecting repo to databricks

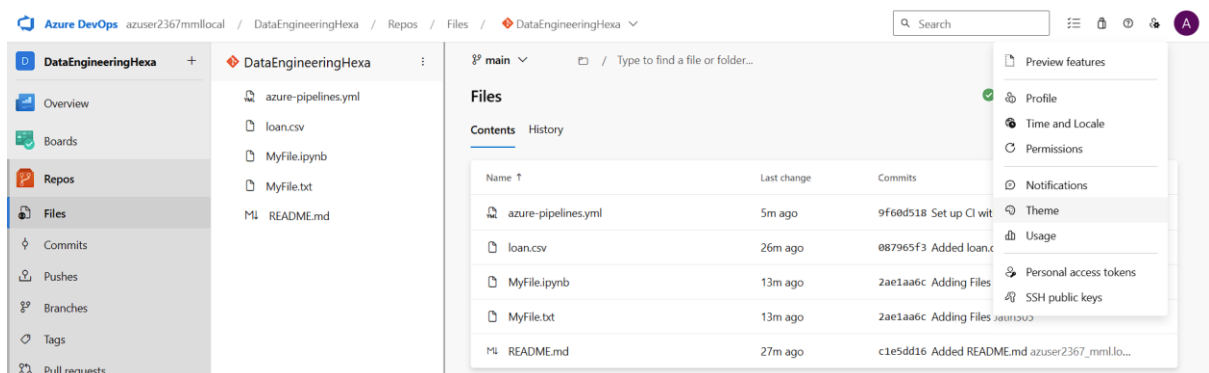
In databricks go to settings

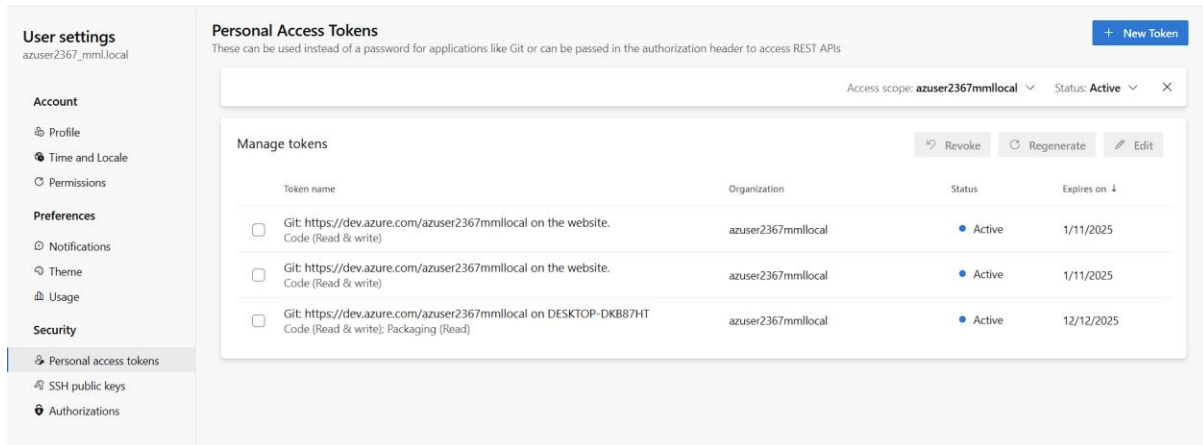


Go to linked accounts, here we have to choose the Azure devops services and give mail id, access token (taken from Azure repo)



Go to azure repo -> personal access token

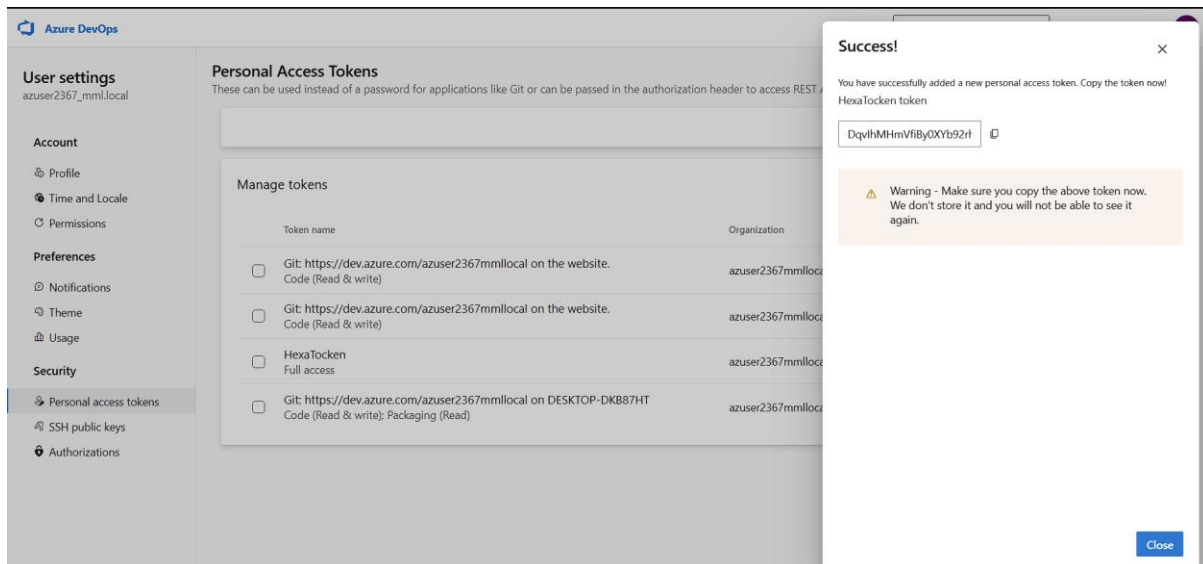




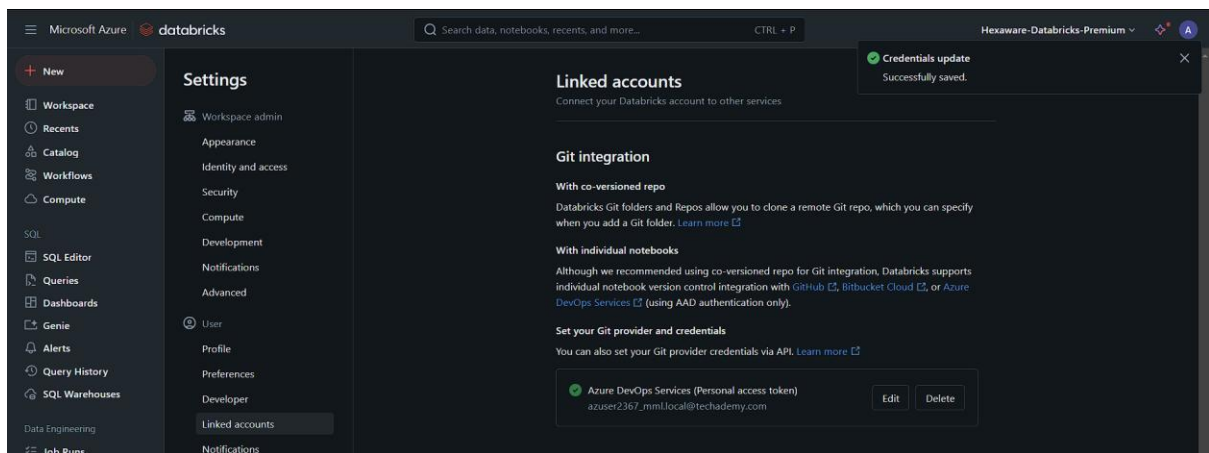
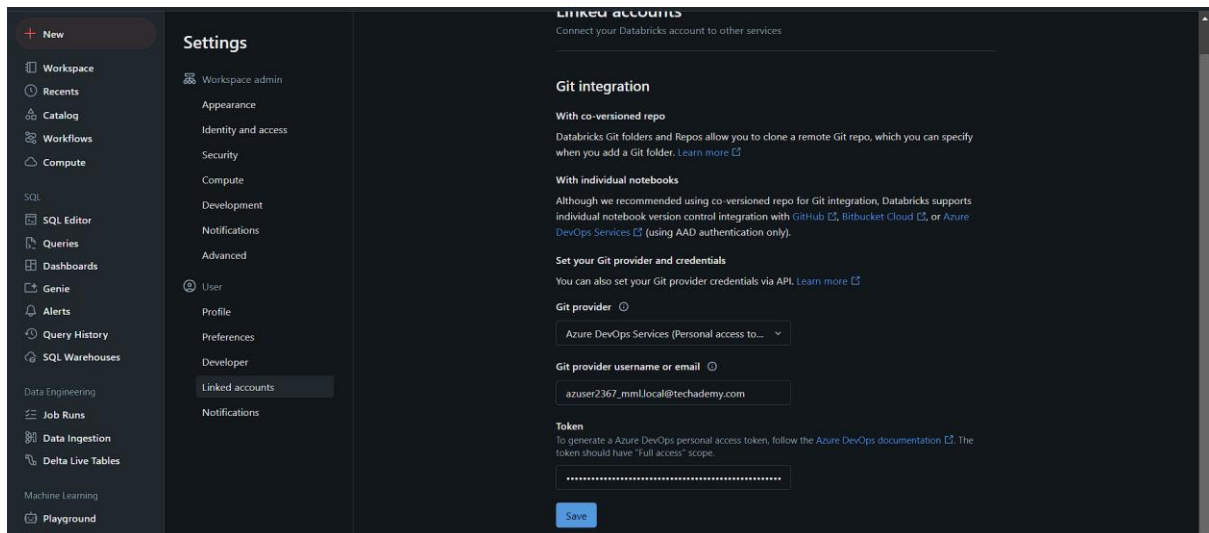
Click on + new token

Give name, access rights click on create.

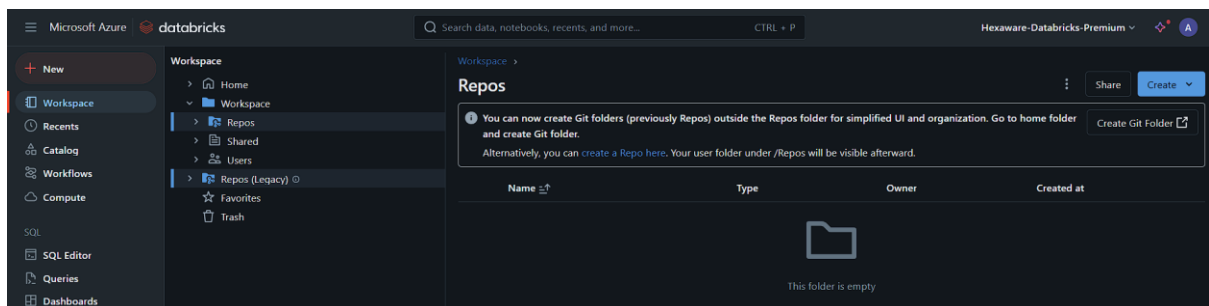
Copy the token and save it for future uses.



Paste the token copied from azure repo in the linked accounts section of databricks and click on save



Now go to workspaces and create repos





## Add Repo

You can now create Git folders (previously Repos) outside the Repos folder. [Go to home folder and create Git folder.](#)

☒ Create repo by cloning a Git repository

Git repository URL ⓘ

Git provider ⓘ

https://dev.azure.com/azuser2367mmlocal/\_git/DataEng

Azure DevOps Services

Repository name

DataEngineeringHexa

☐ Sparse checkout mode ⓘ

Cancel

Create Repo

## Repo Cloned

Workspace

Home

Workspace

Repos

azuser2367\_mmlocal@techademy.com

Shared

Users

Repos (Legacy)

azuser2367\_mmlocal@techademy.com

Favorites

Trash

Workspace


Repos

Share

Create

Name	Type	Owner	Created at
<div><div></div>azuser2367_mmlocal@techademy.com</div>	Folder	azuser2367_mmlocal	2024-12-13 10:12:40

Microsoft Azure



New

Workspace

Recents

Catalog

Workflows

Compute

SQL

SQL Editor

Queries

Dashboards

Genie

Alerts

Query History

SQL Warehouses

Workspace

Home

Workspace

Repos

azuser2367\_mmlocal@techademy.com

Shared

Users

Repos (Legacy) ⓘ

azuser2367\_mmlocal@techademy.com

Favorites

Trash

Workspace > Repos > azuser2367\_mmlocal@techademy.com >






DataEngineeringHexa

main

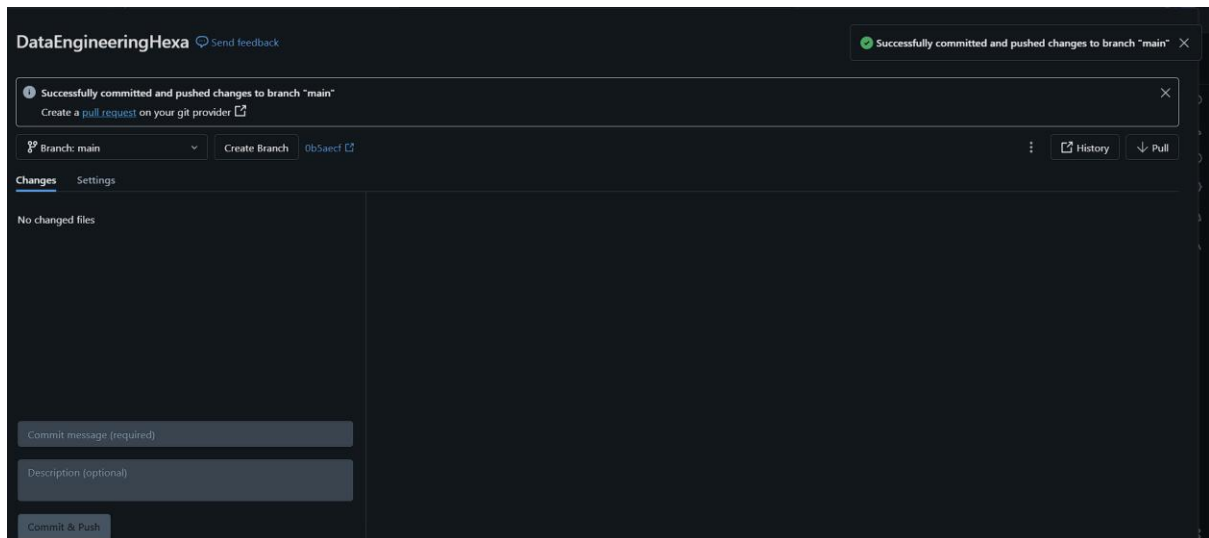
☆

Share

Create

Name ↕	Type	Owner	Created at	
 azure-pipelines.yml	File	azuser2367_mmlocal	2024-12-13 10:12:43	<div></div>
 loan.csv	File	azuser2367_mmlocal	2024-12-13 10:12:44	<div></div>
 MyFile	Notebook	azuser2367_mmlocal	2024-12-13 10:12:43	<div></div>
 MyFile.txt	File	azuser2367_mmlocal	2024-12-13 10:12:43	<div></div>
 README.md	File	azuser2367_mmlocal	2024-12-13 10:12:44	<div></div>

Adding files:



Now refresh and check in Azure devops portal. Newly committed file fetched here.

