

PART 1 - Work Item Breakdown

1. Creating Epics

Epics

Azure DevOps interface showing the 'My work items' tab for the organization 'karthikadataengineeringtraining'. The list displays five epics, all marked as 'New'.

Item	Status	Updated
Security & Compliance #69 in DevOps	New	Updated Just now
Transaction History #68 in DevOps	New	Updated Just now
Fund Transfer #67 in DevOps	New	Updated Just now
Account Services #66 in DevOps	New	Updated 4m ago
User Management #65 in DevOps	New	Updated 8m ago

2. Under Each Epic, Creating Features


Features for all Epics

Azure DevOps interface showing the 'My work items' tab for the organization 'karthikadataengineeringtraining'. The list displays twelve features, all marked as 'New'.

Item	Status	Updated
Data Encryption #79 in DevOps	New	Updated Just now
Multi-Factor Authentication #78 in DevOps	New	Updated Just now
Export Transactions #77 in DevOps	New	Updated Just now
Transaction Search #76 in DevOps	New	Updated 3m ago
External Fund Transfer #75 in DevOps	New	Updated 4m ago
Internal Fund Transfer #74 in DevOps	New	Updated 7m ago
View Account Balance #73 in DevOps	New	Updated 8m ago
Account Creation #72 in DevOps	New	Updated 9m ago
User Authentication #71 in DevOps	New	Updated 11m ago
User Registration #70 in DevOps	New	Updated 12m ago

3. Break Features into User Stories

User stories for each Features

 Azure DevOps

K

karthikadaengineeringtraining









[New organization](#)


Organization settings

karthikadaengineeringtraining

ProjectsMy work itemsMy pull requests

Assigned to me

 Encrypt Sensitive Data #99 in DevOps	New	Updated Just now
 Encrypt Passwords #98 in DevOps	New	Updated Just now
 App-Based Authentication #97 in DevOps	New	Updated Just now
 OTP Login #96 in DevOps	New	Updated Just now
 Export to PDF #95 in DevOps	New	Updated 2m ago
 Export to Excel #94 in DevOps	New	Updated 3m ago
 Filter by Type #93 in DevOps	New	Updated 4m ago
 Search by Keyword #92 in DevOps	New	Updated 9m ago

 Azure DevOps

K











karthikadaengineeringtraining

[New organization](#)

Organization settings


karthikadaengineeringtraining


ProjectsMy work itemsMy pull requests

 <div>Transfer Between Accounts</div> <div>#89 in DevOps</div>	New	Updated 13m ago
 Transfer Between Accounts #88 in DevOps	New	Updated 13m ago
 Real-Time Updates #87 in DevOps	New	Updated 15m ago
 Check Balance #86 in DevOps	New	Updated 16m ago
 Admin Approval for Account #85 in DevOps	New	Updated 17m ago
 Create Savings Account #84 in DevOps	New	Updated 18m ago
 Session Management #83 in DevOps	New	Updated 19m ago
 Login with Credentials #82 in DevOps	New	Updated 21m ago
 Verify Contact Information #81 in DevOps	New	Updated 22m ago
 Register with Email & Password #80 in DevOps	New	Updated 24m ago

4. Break User Stories into Tasks

Tasks for each User stories

 Azure DevOps

 karthikadataengineeringtraining









[New organization](#)


Organization settings


karthikadataengineeringtraining

ProjectsMy work itemsMy pull requests

Assigned to me

 Secure Password Storage #119 in DevOps	New	Updated Just now
 Implement Hashing Algorithm #118 in DevOps	New	Updated Just now
 Verify OTP #117 in DevOps	New	Updated Just now
 Generate OTP Service #116 in DevOps	New	Updated Just now
 Provide Download Button #115 in DevOps	New	Updated 2m ago
 Generate Excel File #114 in DevOps	New	Updated 3m ago
 Build Search Bar UI #113 in DevOps	New	Updated 4m ago
 Add Search Filter Logic #112 in DevOps	New	Updated 4m ago

 Azure DevOps











 karthikadataengineeringtraining

[New organization](#)

Organization settings

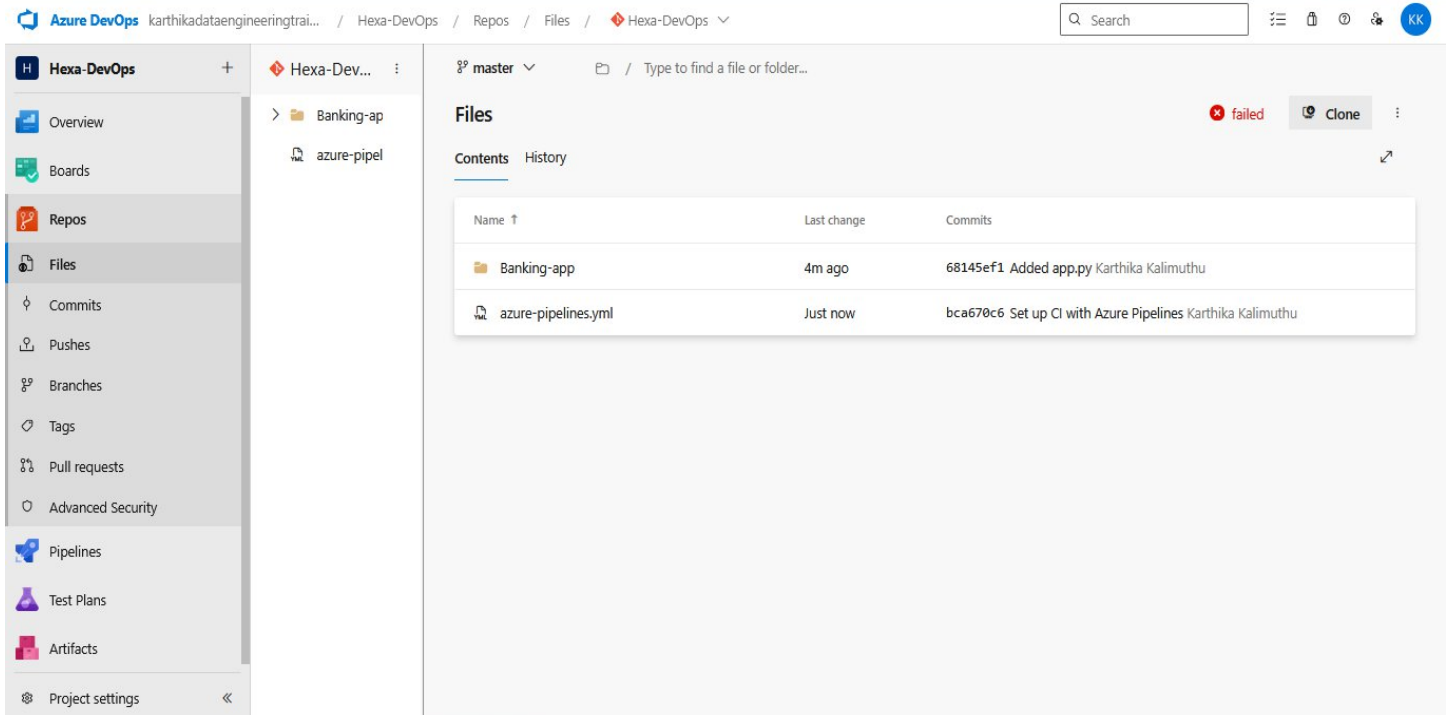
karthikadataengineeringtraining

ProjectsMy work itemsMy pull requests

 #109 in DevOps	New	Updated 11m ago
 Create Transfer Form #108 in DevOps	New	Updated 8m ago
 Display Balance in UI #107 in DevOps	New	Updated 10m ago
 Build Balance API #106 in DevOps	New	Updated 10m ago
 Validate KYC Docs #105 in DevOps	New	Updated 11m ago
 Build Account Form #104 in DevOps	New	Updated 12m ago
 Build Login Page #103 in DevOps	New	Updated 13m ago
 Validate Credentials #102 in DevOps	New	Updated 13m ago
 Build Registration API #101 in DevOps	New	Updated 14m ago
 Design Registration Form #100 in DevOps	New	Updated 15m ago

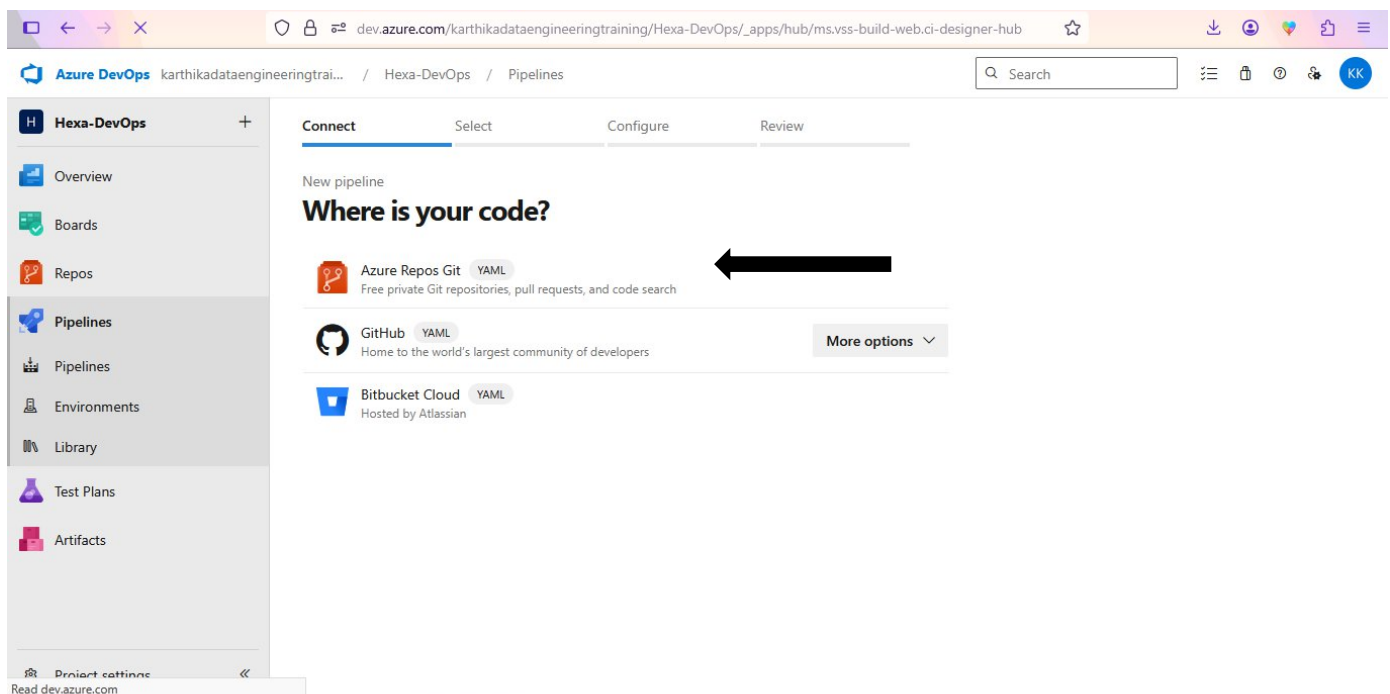
PART 2 - Azure DevOps Git Setup

1.Create a Git Repo

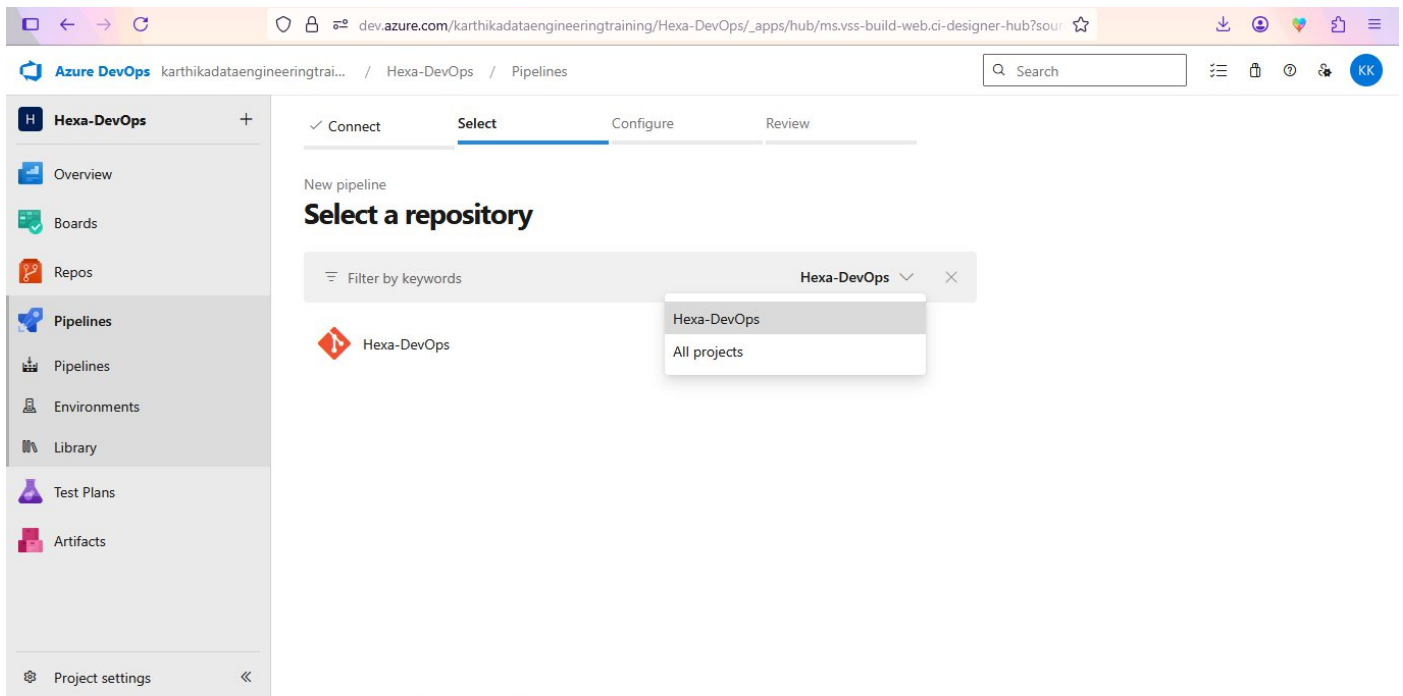


PART 3 - Configure CI/CD Pipeline

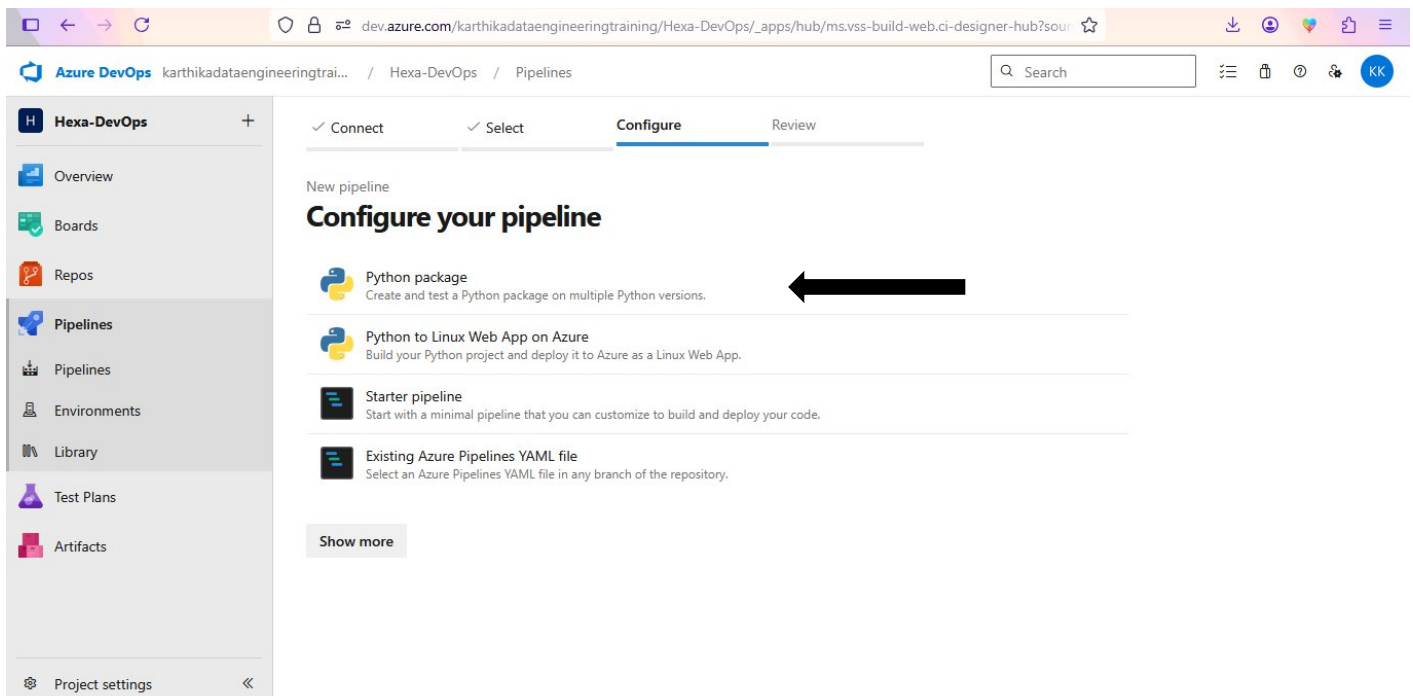
Step-1: Select the Version control system (VCS) to continue. In my case it is Azure Repo Git.



Step-2: Select the respective repo at which the code, datasets are present. In my case it is present in Hexa-DevOps



Step-3: Then select python package to configure the pipeline.



Step-4: Ensure the YAML file configured properly

New pipeline

Review your pipeline YAML

Hexa-DevOps / azure-pipelines.yml *

```
1 trigger:
2   - main
3
4 pool:
5   vmImage: 'ubuntu-latest'
6
7 steps:
8   Settings
9   - task: UsePythonVersion@0
10    inputs:
11      versionSpec: '3.x'
12
13   - script: python src/app.py
14     displayName: 'Run Banking Application Placeholder'
```

Step-5: And then we can see the summary of the pipeline and it is scheduled to run with the configured agent.

Azure DevOps karthikadataengineeringtrai... / Hexa-DevOps / Pipelines


Pipelines

Recent All Runs

New pipeline

Filter pipelines

Recently run pipelines

Pipeline	Last run
 Hexa-DevOps	#20250829.1 • Set up CI with Azure Pipelines Individual CI for master 1h ago <1s

Project settings

