

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 work items, all marked as 'New'.

Work Item	Status	Updated
User Profile Management (#124 in DevOps)	New	Updated Just now
Order History (#123 in DevOps)	New	Updated Just now
Checkout & Payment (#122 in DevOps)	New	Updated Just now
Shopping Cart (#121 in DevOps)	New	Updated 2m ago
Product Browsing (#120 in DevOps)	New	Updated 3m 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 ten work items, all marked as 'New'.

Work Item	Status	Updated
Security Settings (#134 in DevOps)	New	Updated Just now
User Profile Management (#133 in DevOps)	New	Updated Just now
Order History (#132 in DevOps)	New	Updated Just now
Order Tracking (#131 in DevOps)	New	Updated Just now
Payment Options (#130 in DevOps)	New	Updated Just now
Checkout Process (#129 in DevOps)	New	Updated 3m ago
Update/Remove Cart Items (#128 in DevOps)	New	Updated 3m ago
Add to Cart (#127 in DevOps)	New	Updated 5m ago
Product Search (#126 in DevOps)	New	Updated 5m ago
Product Browsing (#125 in DevOps)	New	Updated 8m ago

3. Break Features into User Stories

User stories for each Features

 Azure DevOps

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[New organization](#)

Organization settings

karthikadataengineeringtraining

Projects

My work items

My pull requests

Assigned to me

Enable Two-Factor Authentication

#150 in [DevOps](#)

New

Updated Just now

Change Password

#149 in [DevOps](#)

New

Updated Just now

Upload Profile Picture

#148 in [DevOps](#)

New

Updated Just now

Update Profile Info

#147 in [DevOps](#)

New

Updated Just now

Download Invoices

#146 in [DevOps](#)

New

Updated 2m ago

View Previous Orders

#145 in [DevOps](#)

New

Updated 3m ago

Get Notifications

#144 in [DevOps](#)

New


Updated 4m ago

View Order Status

#143 in [DevOps](#)

New

Updated 4m ago

 Azure DevOps

K

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[New organization](#)

Organization settings

karthikadataengineeringtraining

Projects

My work items

My pull requests

Get Notifications

#144 in [DevOps](#)

New

Updated 4m ago

View Order Status

#143 in [DevOps](#)

New

Updated 4m ago

Pay with UPI/Wallet

#142 in [DevOps](#)

New

Updated 5m ago

Pay with Card

#141 in [DevOps](#)

New

Updated 6m ago

Review Order

#140 in [DevOps](#)

New

Updated 7m ago

Enter Shipping Info

#139 in [DevOps](#)

New

Updated 8m ago

Register with Email & Password

#80 in [DevOps](#)

New

Updated 26m ago

Verify Contact Information

#81 in [DevOps](#)

New

Updated 26m ago

Login with Credentials

#82 in [DevOps](#)

New

Updated 26m ago

Session Management


#83 in [DevOps](#)

New

Updated 26m ago

4. Break User Stories into Tasks

Tasks for each User stories

 Azure DevOps

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[New organization](#)









Organization settings


Search

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ProjectsMy work itemsMy pull requests

Assigned to me

 Send OTP via SMS/Email #170 in DevOps	New	Updated Just now
 Integrate OTP Authentication #169 in DevOps	New	Updated Just now
 Update Info in DB #168 in DevOps	New	Updated Just now
 Build Profile Edit Page #167 in DevOps	New	Updated 2m ago
 Fetch Order Data #166 in DevOps	New	Updated 3m ago
 Build Order History Page #165 in DevOps	New	Updated 3m ago
 Send SMS Notifications #164 in DevOps	New	Updated 4m ago
 Send Email Notifications #163 in DevOps	New	Updated 4m ago

 Azure DevOps

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karthikadataengineeringtraining











[New organization](#)

Organization settings

Search

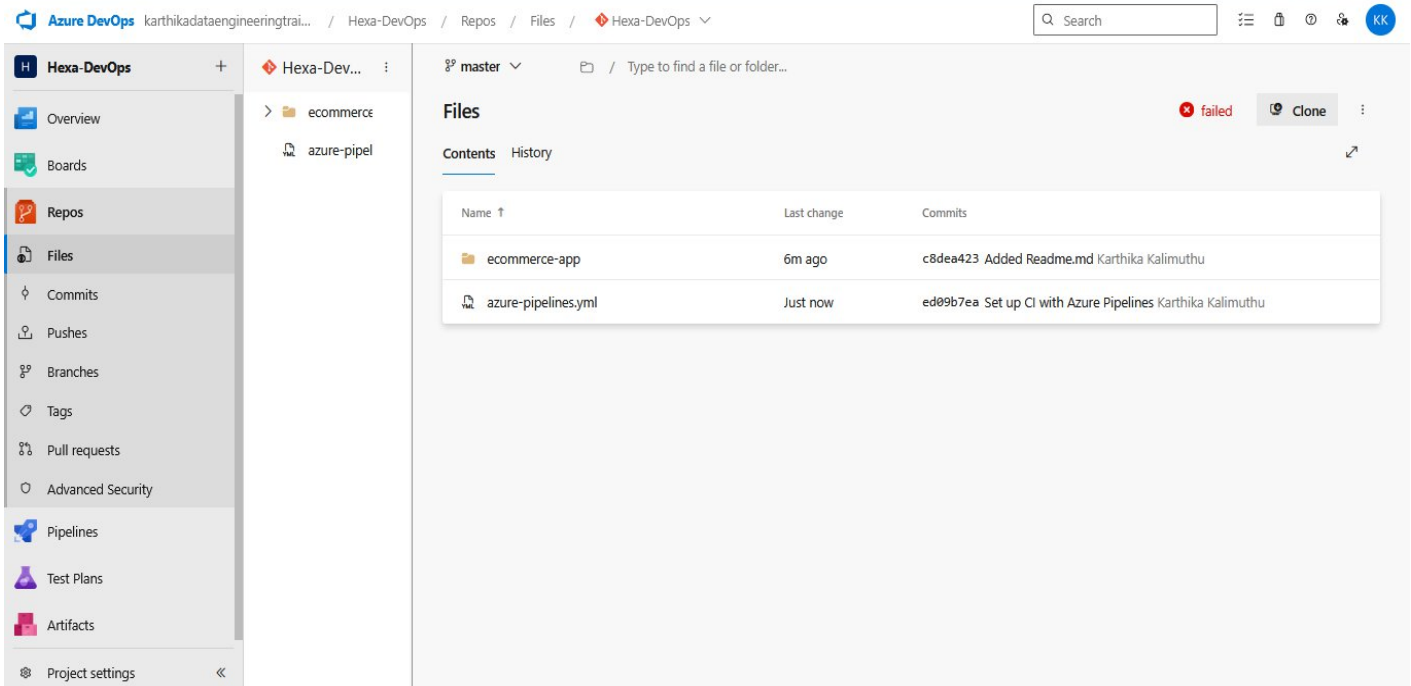
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ProjectsMy work itemsMy pull requests

 Confirm Payment Status #162 in DevOps	New	Updated 5m ago
 Integrate UPI/Wallet API #161 in DevOps	New	Updated 5m ago
 Save Address to DB #160 in DevOps	New	Updated 6m ago
 Design Address Form #159 in DevOps	New	Updated 6m ago
 Update Quantity in DB #158 in DevOps	New	Updated 7m ago
 Create Quantity Selector UI #157 in DevOps	New	Updated 8m ago
 Create API to Add Items #156 in DevOps	New	Updated 8m ago
 Design Add to Cart Button #155 in DevOps	New	Updated 9m ago
 Implement Search Logic #154 in DevOps	New	Updated 9m ago
 Build Search Bar		

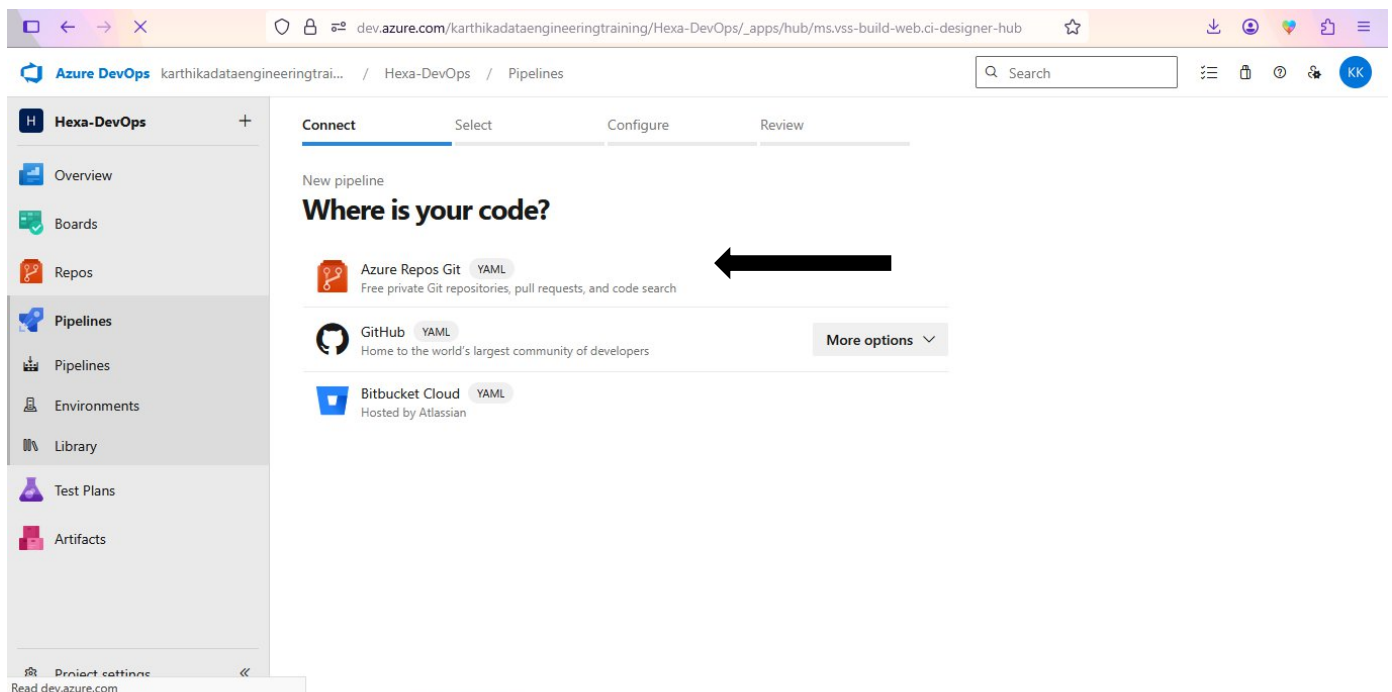
PART 2 - Azure DevOps Git Setup

1.Create a Git Repo

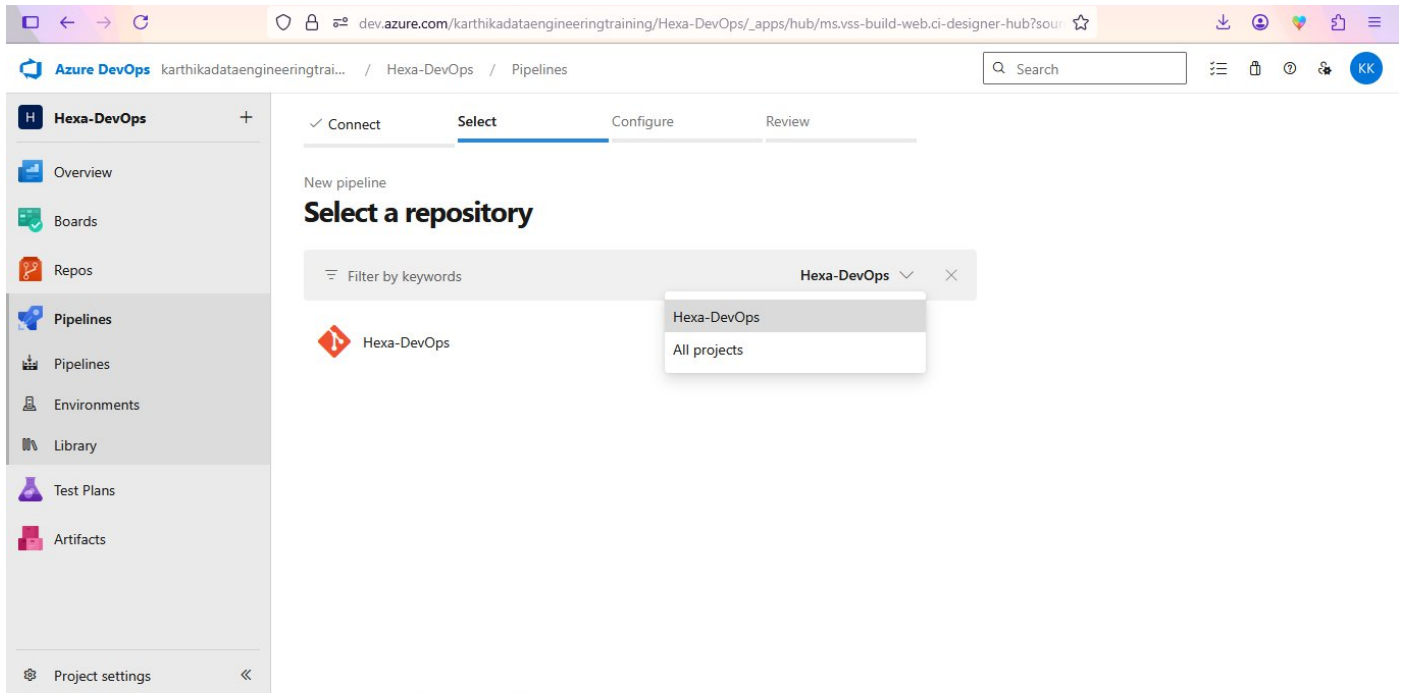


PART 3 - Configure CI/CD Pipeline

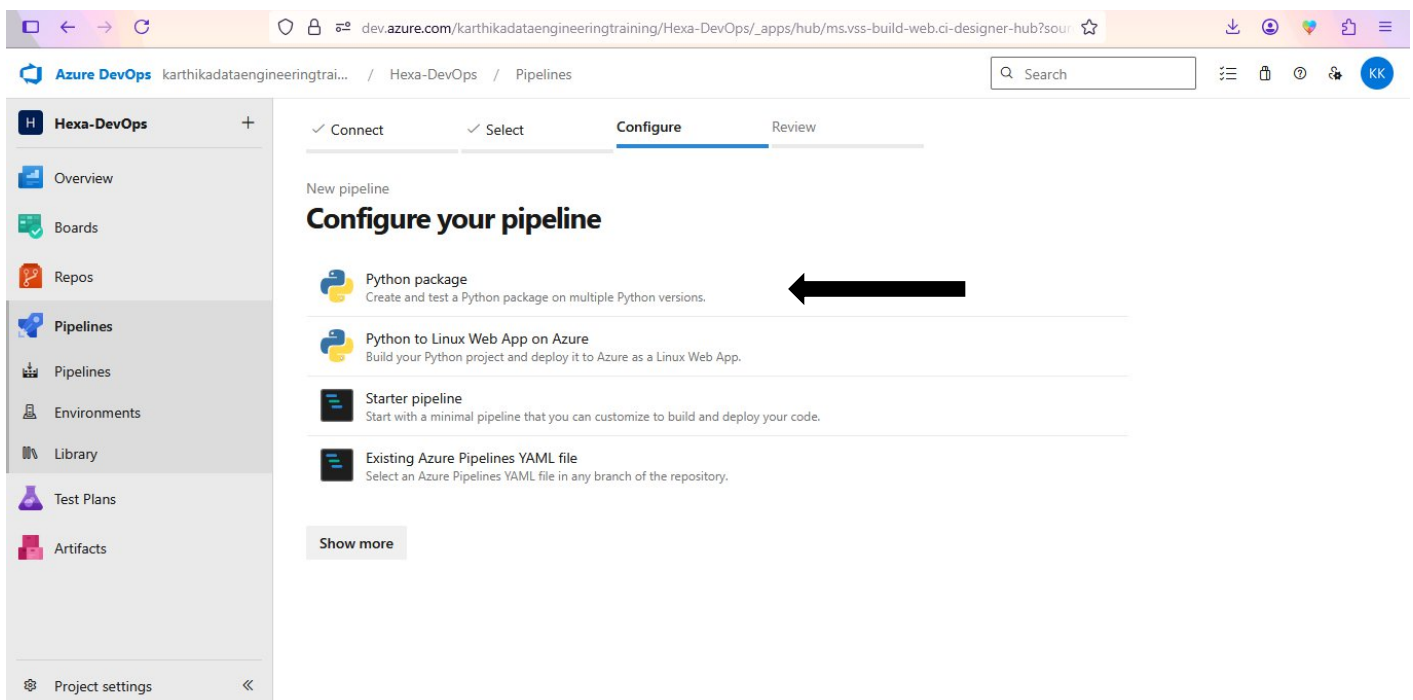
Step-1: Select the Version control system (VCS) to continue. In my case it is Azure Repo Git.



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   - task: UsePythonVersion@0
9     inputs:
10      versionSpec: '3.x'
11
12   - script: python src/app.py
13     displayName: 'Run E-Commerce Application Placeholder'
14
```

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 / Hexa-DevOps / 20250829.1

Search

Cancel

#20250829.1 • Set up CI with Azure Pipelines

Hexa-DevOps

Summary

Individual CI by Karthika Kalimuthu [View 45 changes](#)

Repository and version	Time started and elapsed	Related	Tests and coverage
Hexa-DevOps	Just now	0 work items	Get started
master ed09b7ea	-	0 artifacts	

Jobs

Name	Status	Duration
Job	Queued	

Project settings