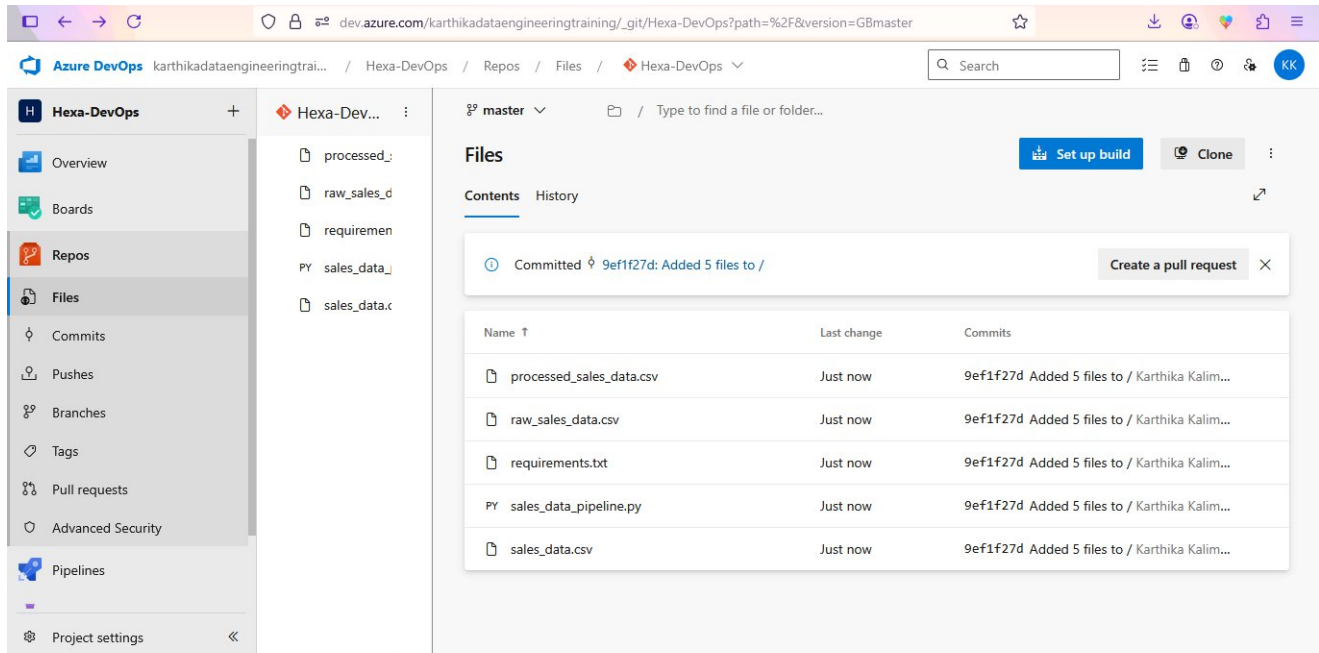


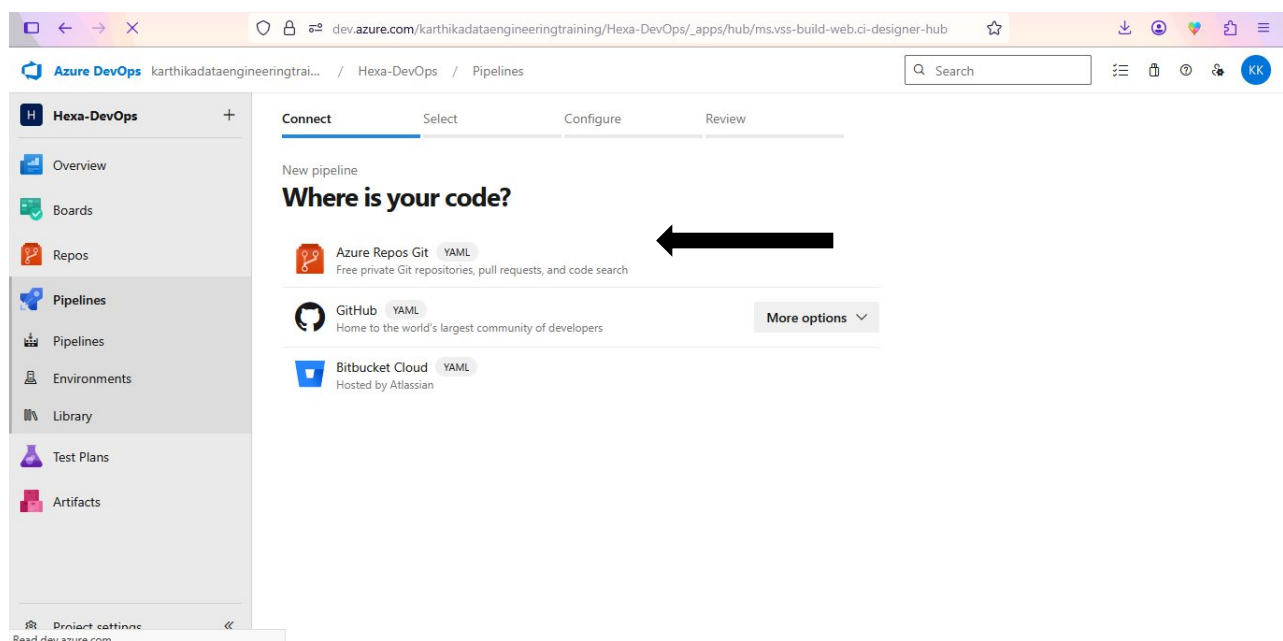
Theoretical Document for DevOps Pipeline Process- Task-2

Step-1:

Load the folder or python script into repo. Here I have loaded my script which does the expected processing.

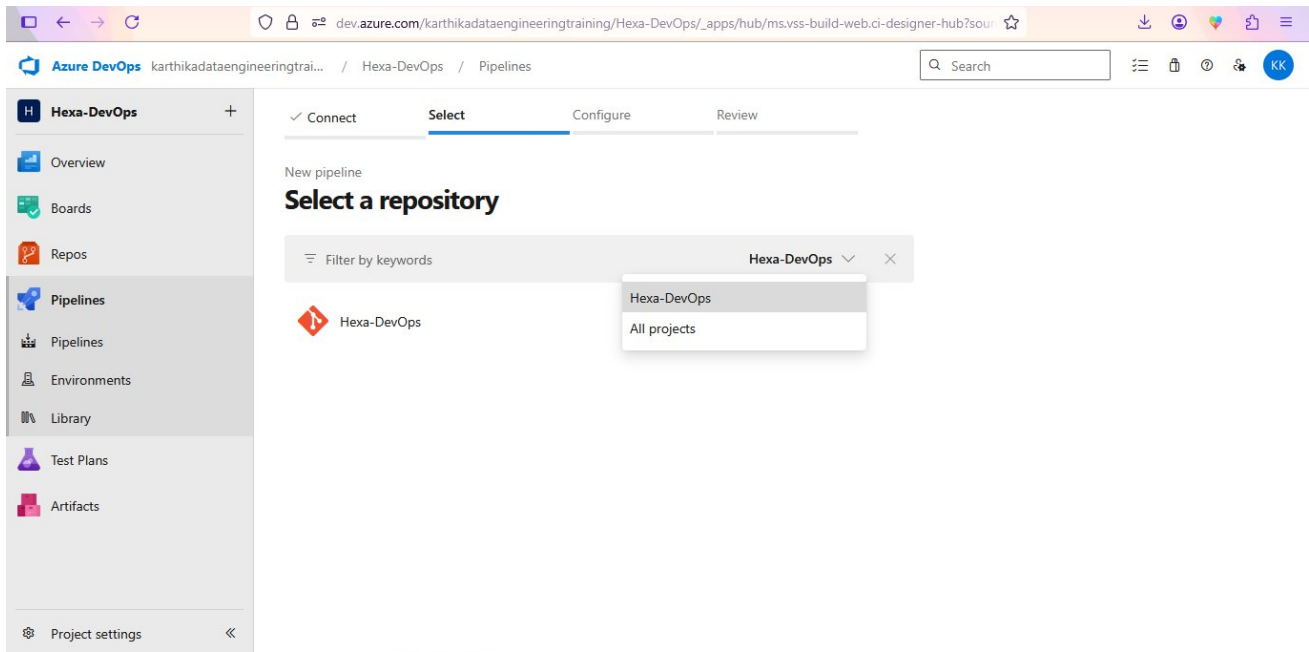


Step-2: Select the Version control system (VCS) to continue. In my case it is Azure Repo Git.



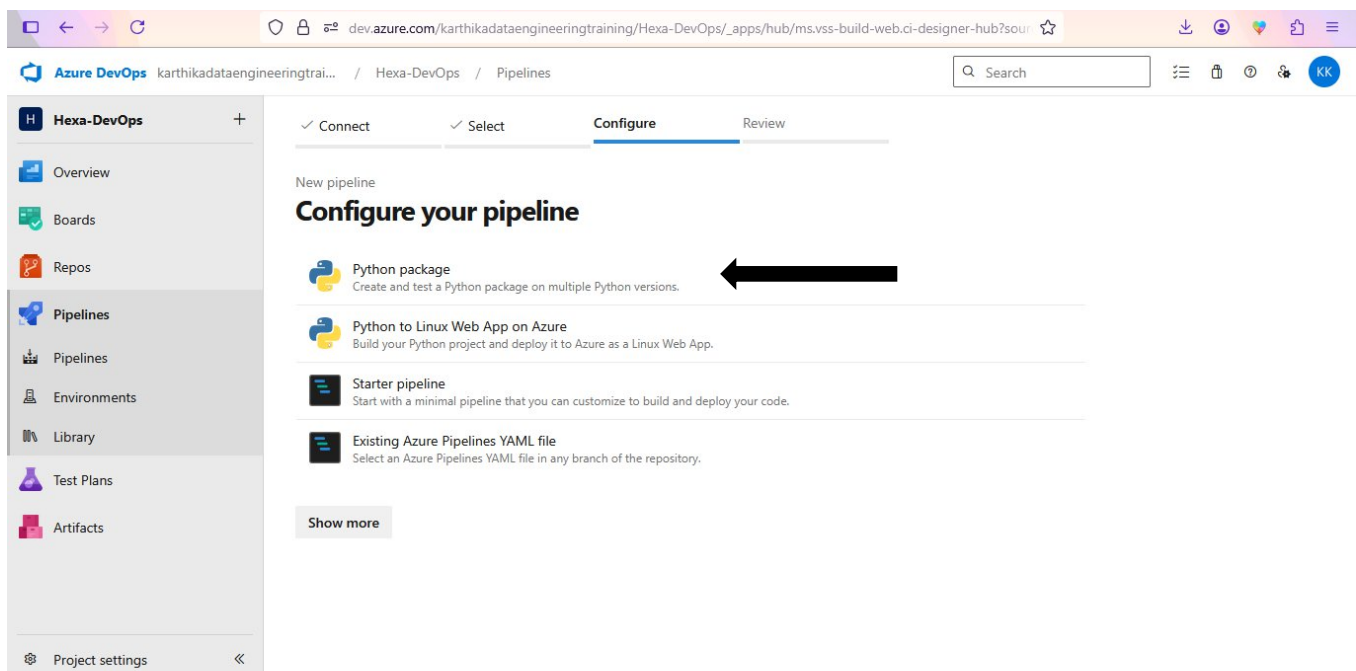
Step-3:

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



Step-4:

Then select python package to configure the pipeline.



Step-5:

Ensure the YAML file configured properly

The screenshot shows the Azure DevOps web interface for reviewing a new pipeline. The left sidebar contains navigation links for Overview, Boards, Repos, Pipelines, Environments, Library, Test Plans, and Artifacts. The main area is titled 'Review your pipeline YAML' and shows the 'azure-pipelines.yml' file. The file content is as follows:

```
1 trigger:
2   branches:
3     - /- include:
4       - main
5
6 pool:
7   vmImage: 'ubuntu-latest'
8
9 steps:
10
11   Settings
12   - task: Checkout@1
13
14   Settings
15   - task: UsePythonVersion@0
16     inputs:
17       versionSpec: '3.10'
18     addToPath: true
```

At the top right of the main area, there are buttons for 'Variables', 'Save and run', and a dropdown arrow. A 'Show assistant' link is also visible on the right side of the code editor.

Step-6:

Once all configurations are set then click save and run

The screenshot shows the 'Save and run' dialog box overlaid on the 'Review your pipeline YAML' interface. The dialog box contains the following information:

- Save and run** (Title)
- Saving will commit azure-pipelines.yml to the repository.
- Commit message**: Set up CI with Azure Pipelines
- Optional extended description**: Add an optional description...
- ☒ Commit directly to the master branch
- ☐ Create a new branch for this commit
- Save and run** (Button)

Step-7:

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

The screenshot displays the Azure DevOps web interface for a project named 'Hexa-DevOps'. The left sidebar contains navigation links for Overview, Boards, Repos, Pipelines, Pipelines (selected), Environments, Library, Test Plans, and Artifacts. The main content area shows the details of a failed pipeline run with ID #20250825.1, titled 'Set up CI with Azure Pipelines'. The run status is 'Failed', indicated by a red 'X' icon. A message states: 'This run will be cleaned up after 1 month based on your project settings.' Below this, the 'Summary' section shows the pipeline was triggered by 'Karthika Kalimuthu' at 'Just now' with a duration of '<1s'. It also lists '0 work items', '0 artifacts', and 'Tests and coverage' with a 'Get started' link. The 'Errors' section shows two error messages: 'The given key was not present in the dictionary.' for build 20250825.1. The bottom of the page shows a partial view of the 'Errors' section with the same message.

Azure DevOps karthikadataengineeringtrai... / Hexa-DevOps / Pipelines / Hexa-DevOps / 20250825.1

#20250825.1 • Set up CI with Azure Pipelines

Hexa-DevOps

This run will be cleaned up after 1 month based on your project settings.

Summary

Individual CI by Karthika Kalimuthu

View 31 changes

Repository and version	Time started and elapsed	Related	Tests and coverage
Hexa-DevOps master 97f536cc	Just now <1s	0 work items 0 artifacts	Get started

Errors 2

The given key was not present in the dictionary.
20250825.1

The given key was not present in the dictionary.
20250825.1