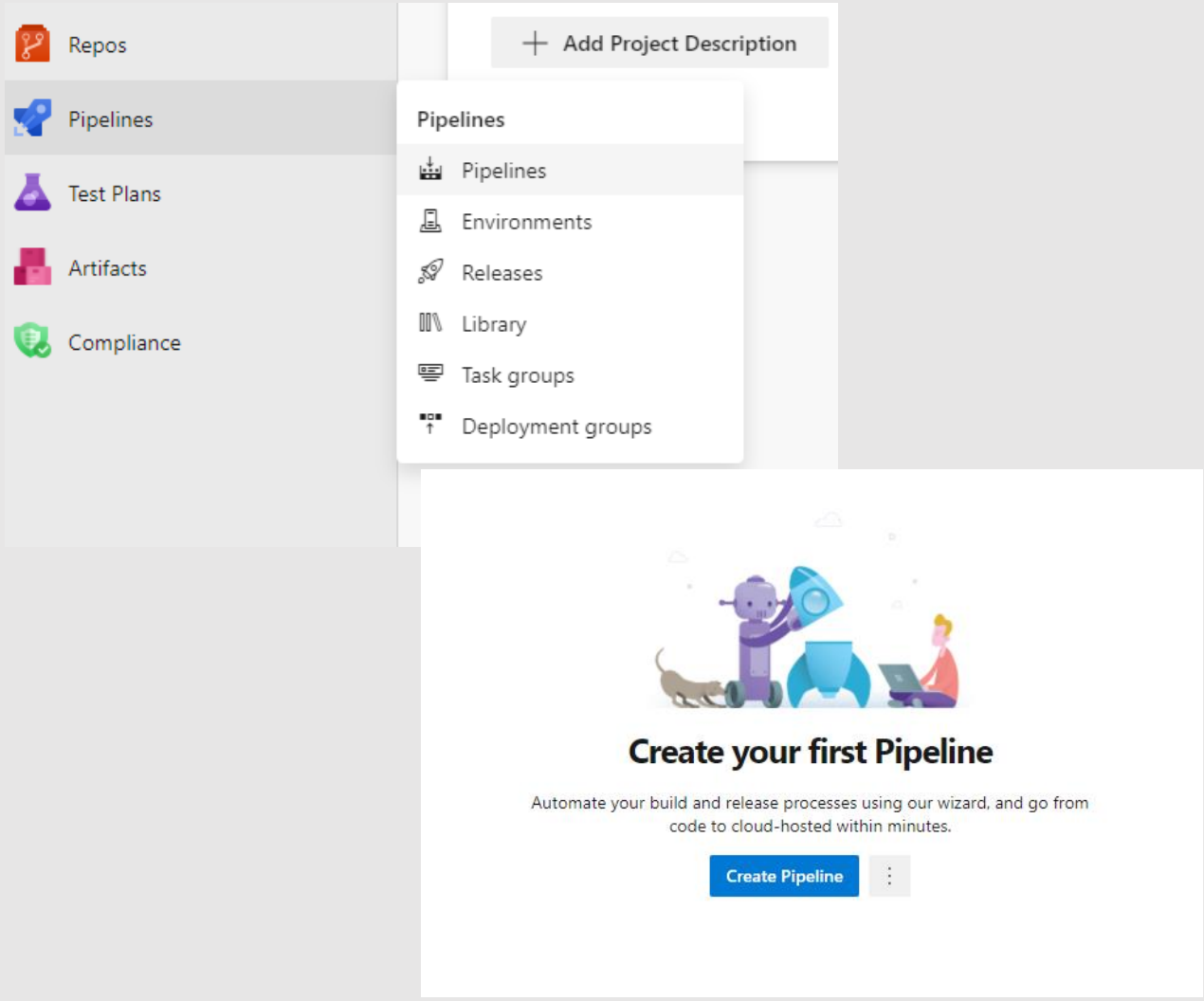
Azure Databricks

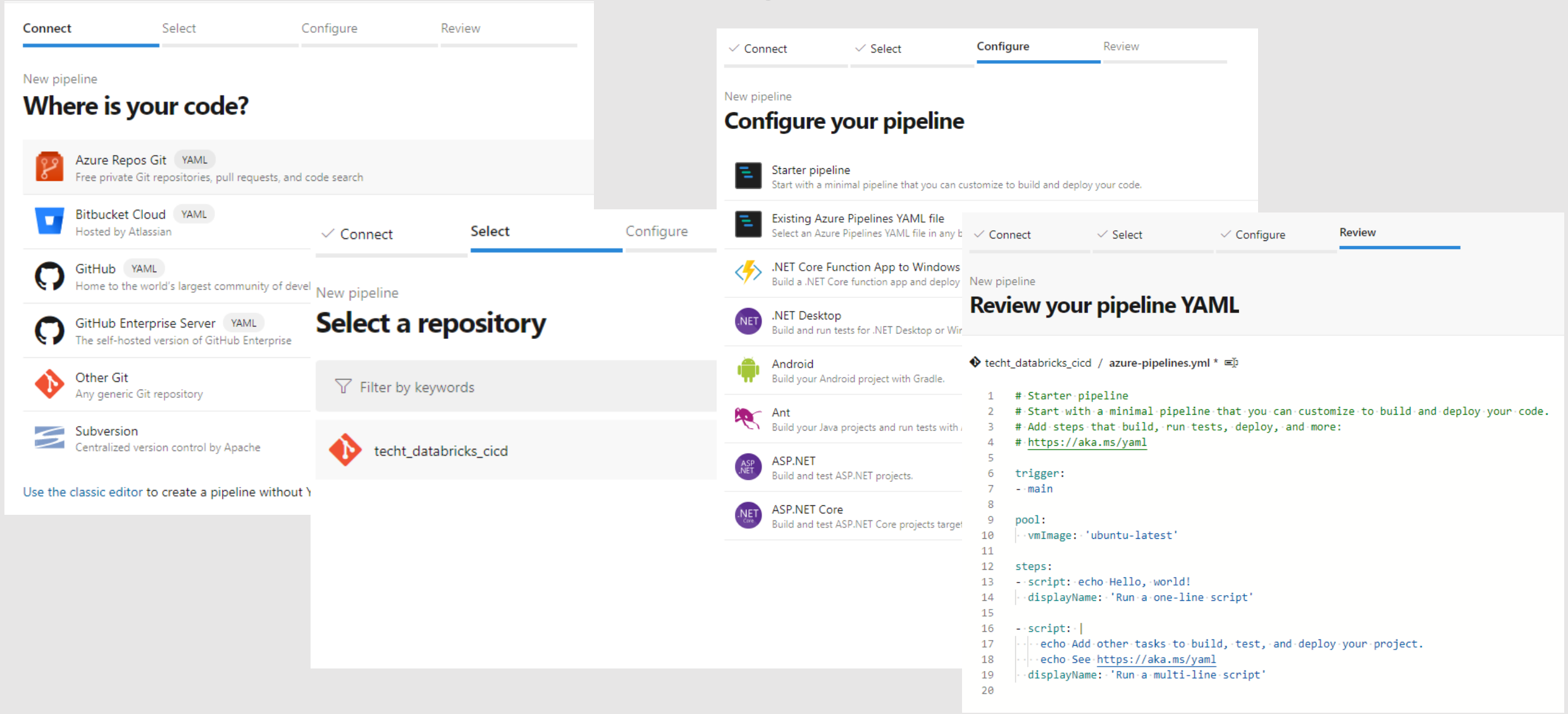
Azure DevOps - Pipelines

Build Pipeline

- Navigate to the pipelines area within DevOps, create new pipeline



Connect, Select, Configure, Review



Adjust Pipeline Trigger

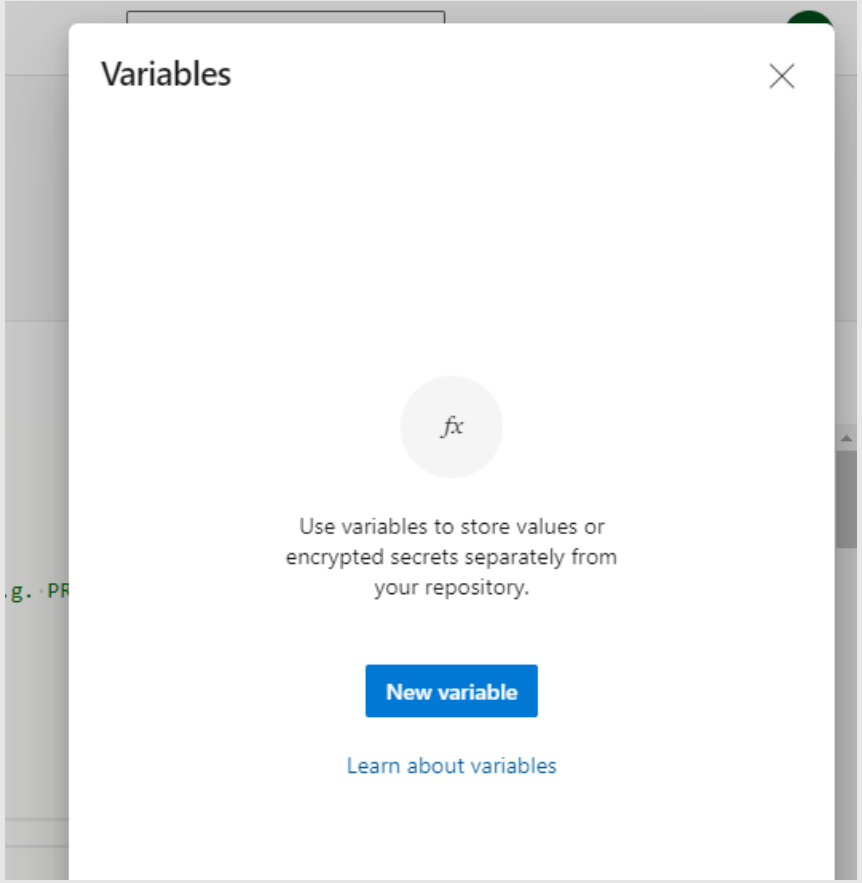
- Change the trigger in .yml file to to ‘none’

main techt_databricks_cicd / azure-pipelines.yml

```yaml
# Starter pipeline
# Start with a minimal pipeline that you can customize to build and deploy your code.
# Add steps that build, run tests, deploy, and more:
# https://aka.ms/yaml

# the selected branch that will initiate the test
trigger: none

# where this test is going to run - can choose Ubuntu
pool:
  vmImage: 'windows-latest'

# Other options available:
#  vmImage: 'ubuntu-latest'
#  vmImage: 'macOS-latest'

# steps to run in this test
steps:
- script: echo Hello, world!
  displayName: 'Run a one-line script'

- script: |
    echo Add other tasks to build, test, and deploy your project.
    echo See https://aka.ms/yaml
  displayName: 'Run a multi-line script'

```

Environment Variables

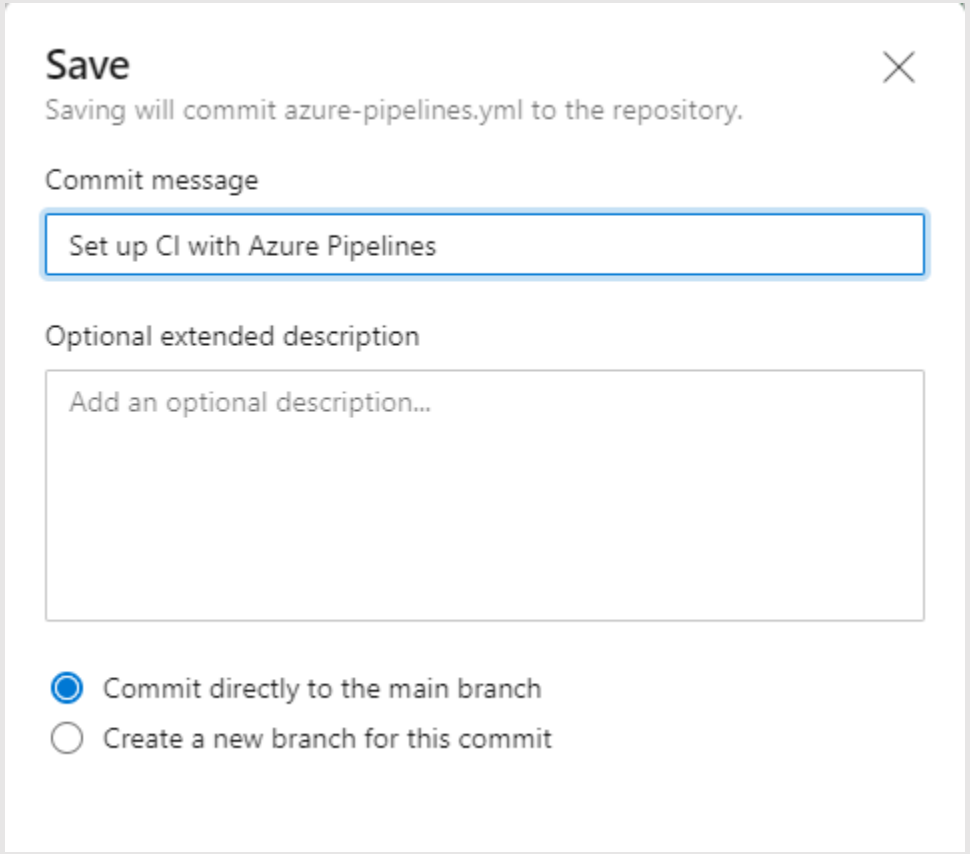
- Can utilise variables to store encryption secrets and passwords separately to the repository



Save and Commit CI

- Give your commit a message and description for visibility

- Due to main branch protection policies (needing additional reviewers, if specified), you will need to ‘Create a new branch for this commit’ – then create a pull request to merge in to the main branch for use



Enforce the CI test script

- Project settings > Repos: Repositories > Select your repository
- Policies > Branch Policies > Select main branch
- Build Validation > ‘+’ > Select the pipeline we just created
- Trigger = automatic
- Policy requirement = required
- Build Expiration = after 12 hours
- Display Name = you choose
- Ensure to have these options selected to ensure the pull requests do not merge until a successful build has been completed – this will trigger your CI tests every time a Pull Request is created against the main branch