

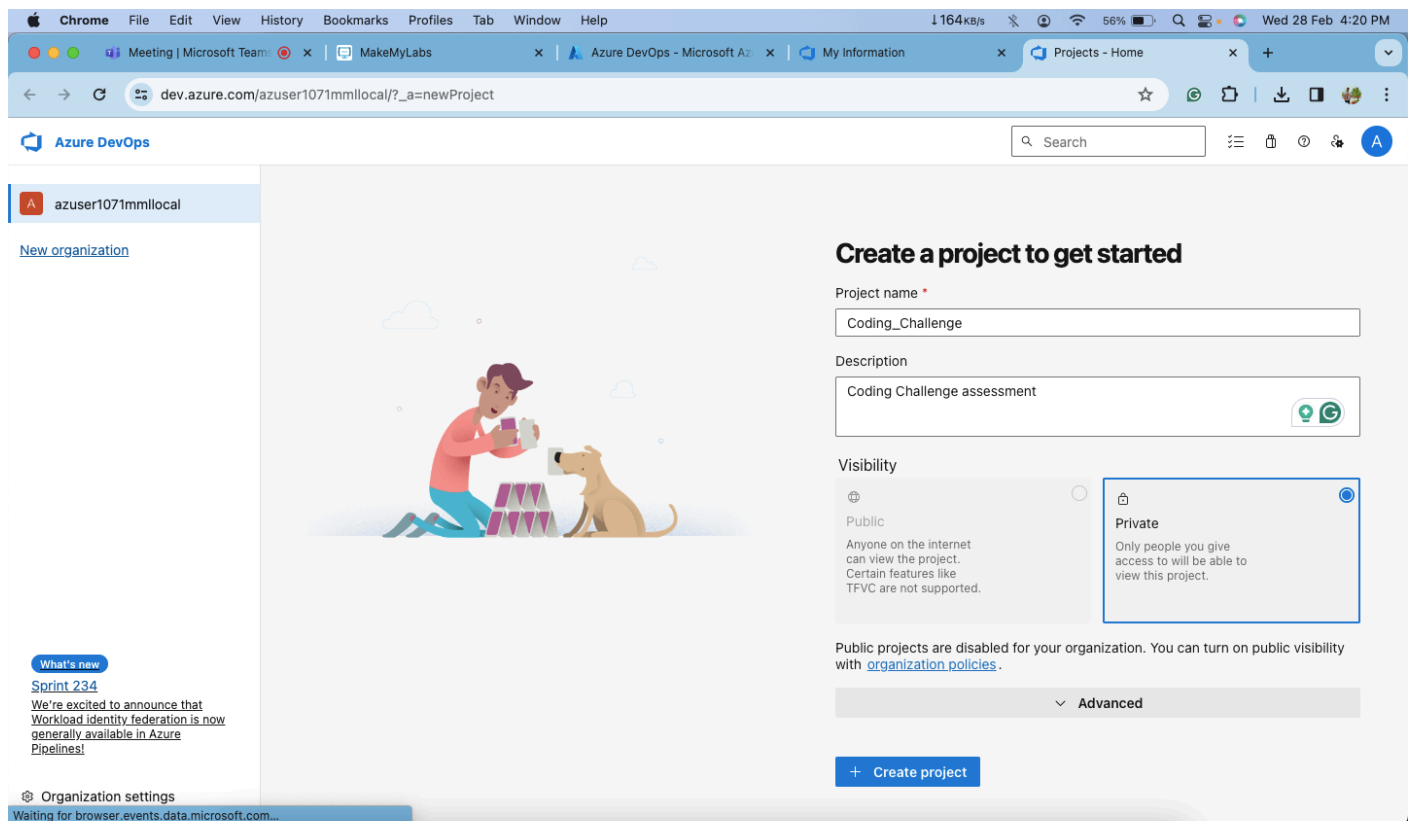
# Coding Challenge-5.1

## Azure Devops

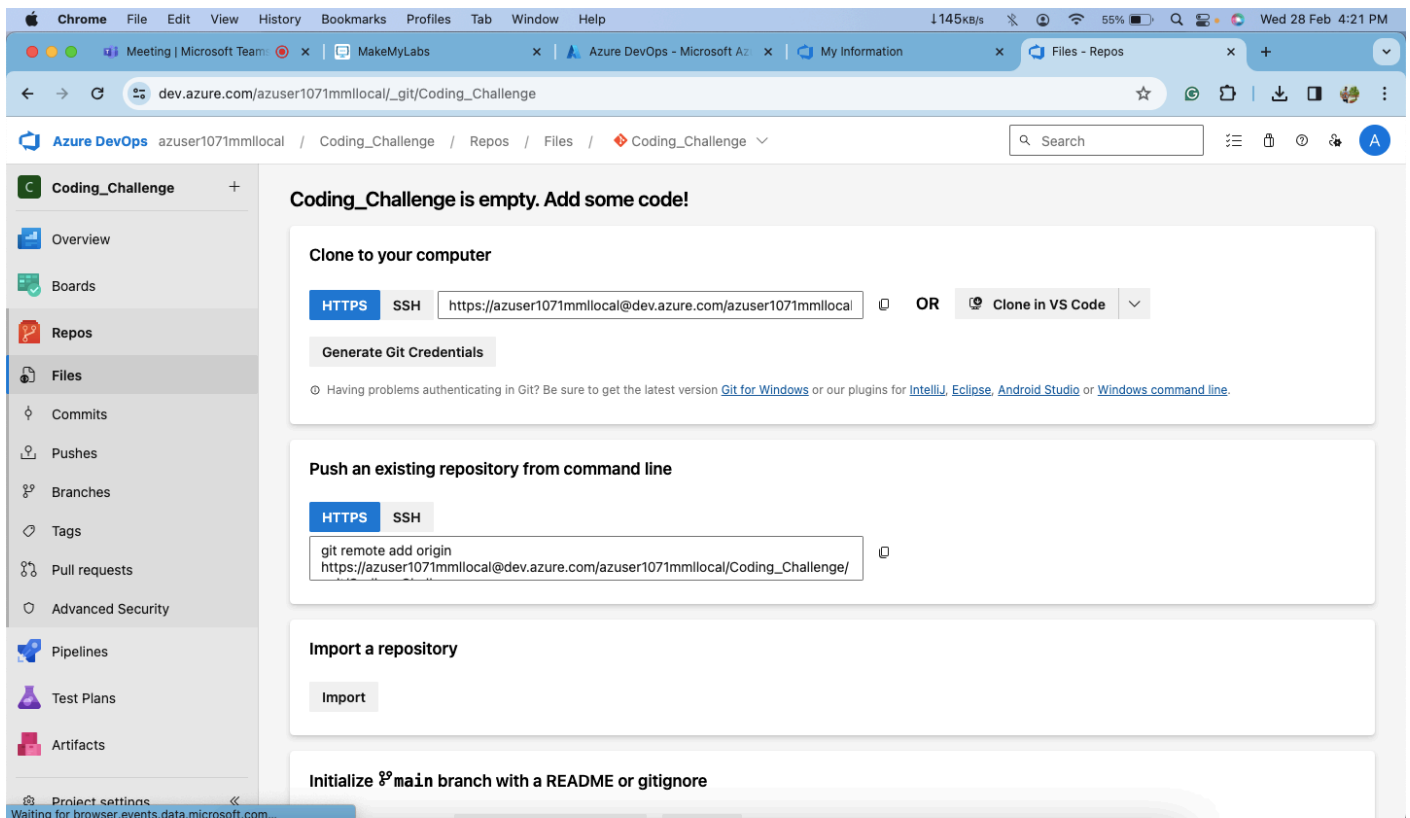
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**Batch-Data Engineering (Batch-1)**

**Create Azure Devops Environment and configuring Azure Devops Git Repository ,configure on your local git to implement this upload few test files on same.**

**Created project on Devops Organization-**



**After creating project we have to clone it to local terminal using Git**



## Initializing local git and cloning the project to local terminal-

```
Last login: Wed Feb 28 16:22:02 on ttys000
[ajaychaudhary@Ajays-MacBook-Air ~ % git init
Reinitialized existing Git repository in /Users/ajaychaudhary/.git/
[ajaychaudhary@Ajays-MacBook-Air ~ % cd Downloads
[ajaychaudhary@Ajays-MacBook-Air Downloads % git clone https://azuser1071mmlllocal@dev.azure.com/azuser1071mmlllocal/Coding_Challenge/_git/Coding_Challenge
Cloning into 'Coding_Challenge'...
warning: You appear to have cloned an empty repository.
ajaychaudhary@Ajays-MacBook-Air Downloads %
```

## Adding some test files on local terminal and pushing the commits to the azure project using Git-

### First file-

```

ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git add .
[ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git commit -m"first_file"
[master (root-commit) 2667f1f] first_file
Committer: Ajay Chaudhary <ajaychaudhary@Ajays-MacBook-Air.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 abc.txt
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git push origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 244 bytes | 244.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (3/3) (4 ms)
remote: Validating commits... (1/1) done (0 ms)
remote: Storing packfile... done (80 ms)
remote: Storing index... done (41 ms)
To https://dev.azure.com/azuser1071mmlocal/Coding_Challenge/_git/Coding_Challenge
 * [new branch]      master -> master
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % █

```

The screenshot shows the Azure DevOps web interface in a Chrome browser. The address bar displays the URL: `dev.azure.com/azuser1071mmlocal/_git/Coding_Challenge/commits`. The page title is "Coding\_Challenge". The left sidebar contains a navigation menu with options: Overview, Boards, Repos, Files, Commits (selected), Pushes, Branches, Tags, Pull requests, Advanced Security, Pipelines, Test Plans, and Artifacts. The main content area is titled "Commits" and shows a single commit. The commit details are as follows:

Graph	Commit	Pull Request	Status
	<b>first_file</b> 2667f1fc Ajay Chaudhary Just now		

**Second file-**

```

ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git add .
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git commit -m"Second_file"
[master c889945] Second_file
[Committer: Ajay Chaudhary <ajaychaudhary@Ajays-MacBook-Air.local>]
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 test.txt
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git push origin master
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), 300 bytes | 300.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (3/3) (23 ms)
remote: Validating commits... (1/1) done (11 ms)
remote: Storing packfile... done (50 ms)
remote: Storing index... done (32 ms)
To https://dev.azure.com/azuser1071mmlocal/Coding_Challenge/_git/Coding_Challenge
2667f1f..c889945 master -> master
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge %

```

The screenshot shows the Azure DevOps web interface for the 'Coding\_Challenge' repository. The left sidebar contains navigation links: Overview, Boards, Repos, Files, Commits, Pushes, Branches, Tags, Pull requests, Advanced Security, Pipelines, Test Plans, and Artifacts. The main area displays the 'Commits' view for the 'master' branch. A commit graph shows two commits: 'first\_file' (2667f1f) and 'Second\_file' (c889945). The 'Second\_file' commit is selected, showing its details: 'c8899451' by 'Ajay Chaudhary' 'Just now'. The interface also includes a search bar, a 'Commit ID' field, and a 'Pull Request' button.

**Third file-**

```

ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git add .
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git commit -m"Testing_file"
[master fbb3501] Testing_file
[Committer: Ajay Chaudhary <ajaychaudhary@Ajays-MacBook-Air.local>]
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

```

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```

1 file changed, 1 insertion(+)
create mode 100644 imp.txt
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % git push origin master
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), 340 bytes | 340.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Analyzing objects... (3/3) (17 ms)
remote: Validating commits... (1/1) done (9 ms)
remote: Storing packfile... done (46 ms)
remote: Storing index... done (29 ms)
To https://dev.azure.com/azuser1071mmlocal/Coding_Challenge/_git/Coding_Challenge
c889945..fbb3501 master -> master
ajaychaudhary@Ajays-MacBook-Air Coding_Challenge % █

```

The screenshot shows the Azure DevOps web interface for a repository named 'Coding\_Challenge'. The left sidebar contains navigation links: Overview, Boards, Repos, Files, Commits (selected), Pushes, Branches, Tags, Pull requests, Advanced Security, Pipelines, Test Plans, and Artifacts. The main content area is titled 'Commits' and shows a commit graph with three commits. The commit list table is as follows:

Graph	Commit	Pull Request	Status
●	<b>Testing_file</b> fbb3501e Ajay Chaudhary Just now		
●	<b>Second_file</b> c8899451 Ajay Chaudhary Today at 16:28		
●	<b>first_file</b> 2667f1fc Ajay Chaudhary Today at 16:26		