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Batch: Data Engineering Batch-1

Azure Devops Coding Challenge

Q1. Create Azure Devops Environment and configuring Azure Devops Git Repository, configure on your local git to implement this upload few test files on same.

Azure DevOps Repos:

Azure DevOps Repos provides Git repositories for your source code, allowing you to manage and version control your project's files and assets.

Here are some key features:

Git Repository Hosting:

Azure DevOps Repos offers unlimited Git repositories for your projects. You can create multiple repositories to organize your codebase effectively.

Branching and Merging:

Git's branching and merging capabilities allow you to work on multiple features or bug fixes simultaneously without interfering with the main codebase. You can create branches, merge changes, and resolve conflicts within Azure DevOps Repos.

Code Reviews:

Facilitate collaboration and maintain code quality by conducting code reviews within Azure DevOps Repos. Team members can review each other's code, provide feedback, and suggest improvements before changes are merged into the main branch.

Pull Requests:

When you're ready to merge your changes into the main branch, you can create a pull request in Azure DevOps Repos. Pull requests provide a structured way to review and discuss code changes, ensuring that only high-quality code is merged into the repository.

Integration with Azure Pipelines:

Azure DevOps Repos seamlessly integrates with Azure Pipelines, allowing you to trigger CI/CD workflows based on code changes. You can configure pipelines to automatically build and test your code whenever changes are pushed to the repository.

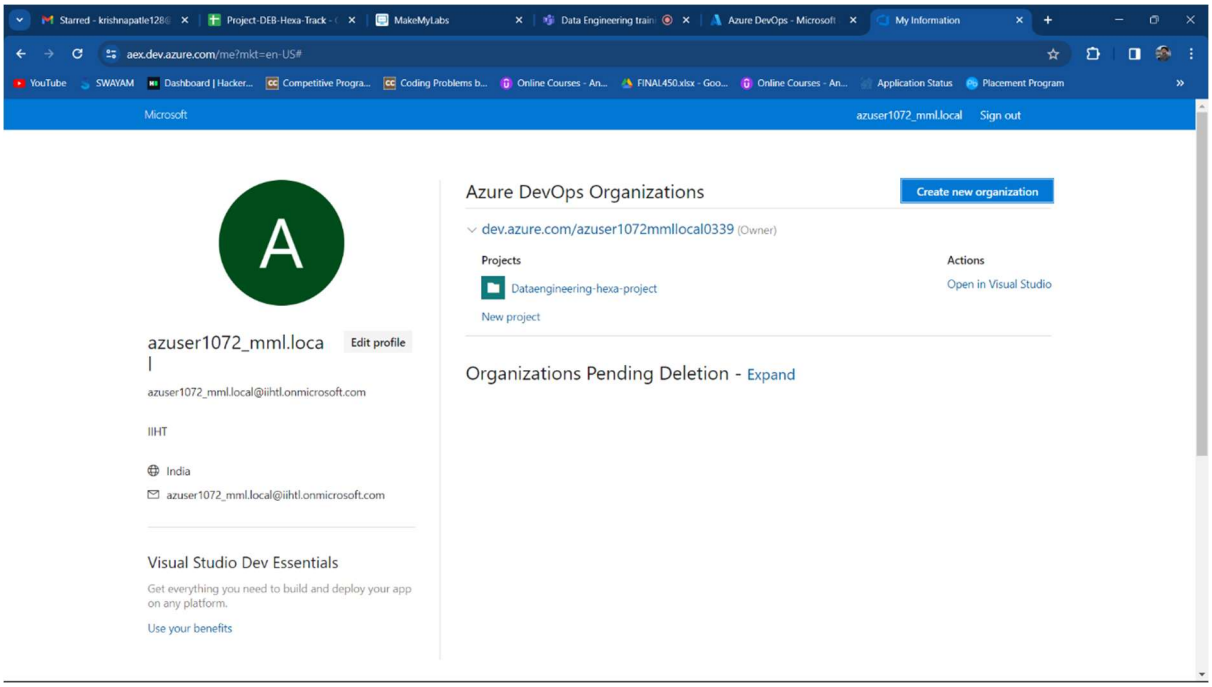
Security and Permissions:

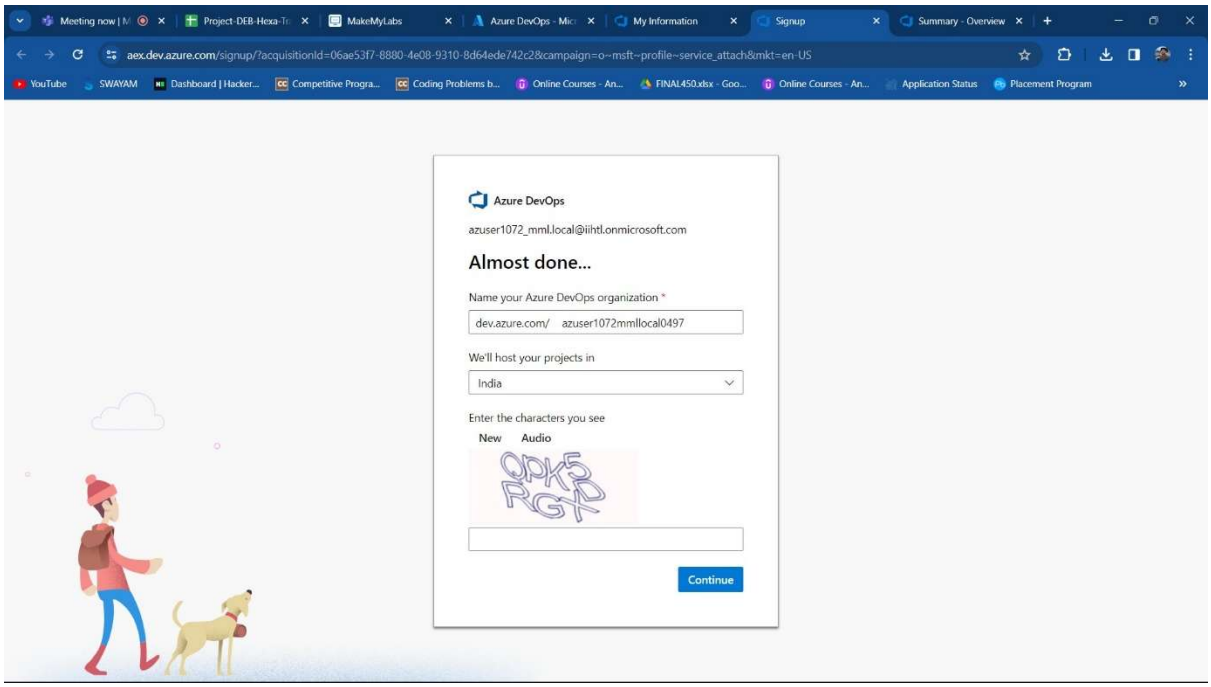
Azure DevOps Repos provides robust security features, including granular access controls and permissions. You can manage who has access to your repositories and enforce policies to protect your code and intellectual property.

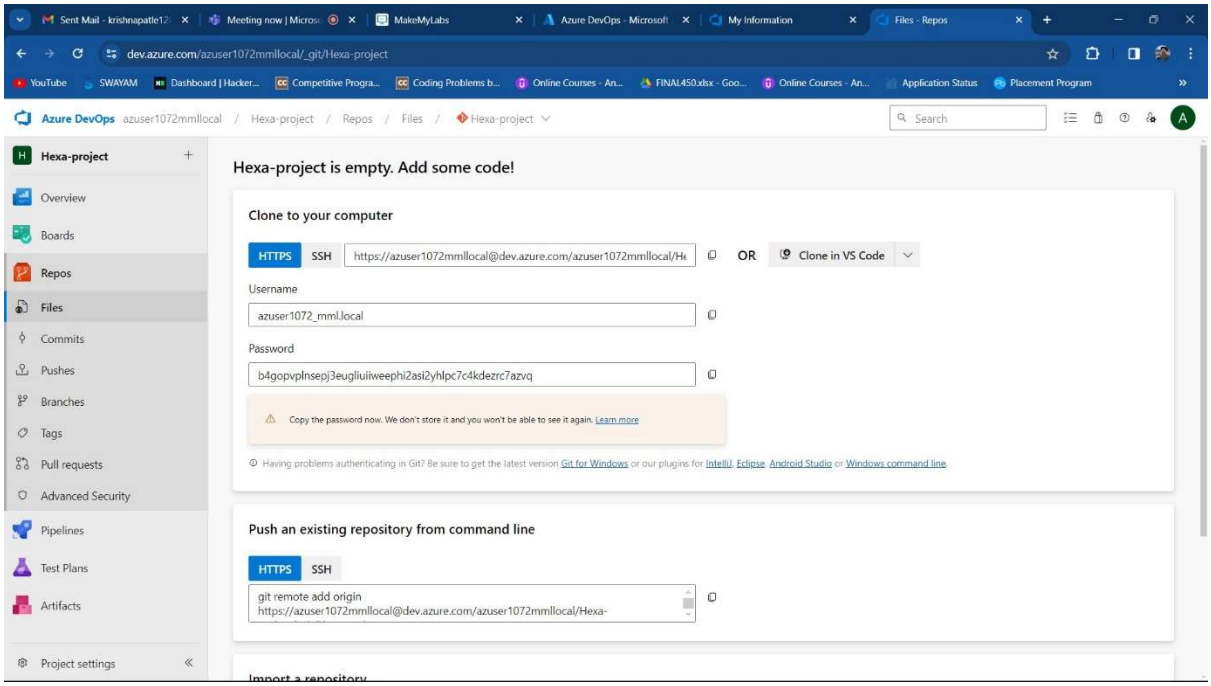
Code Search and Navigation:

Easily search and navigate through your codebase using Azure DevOps Repos. You can find specific files, functions, or code snippets quickly, making it easier to understand and maintain your projects.

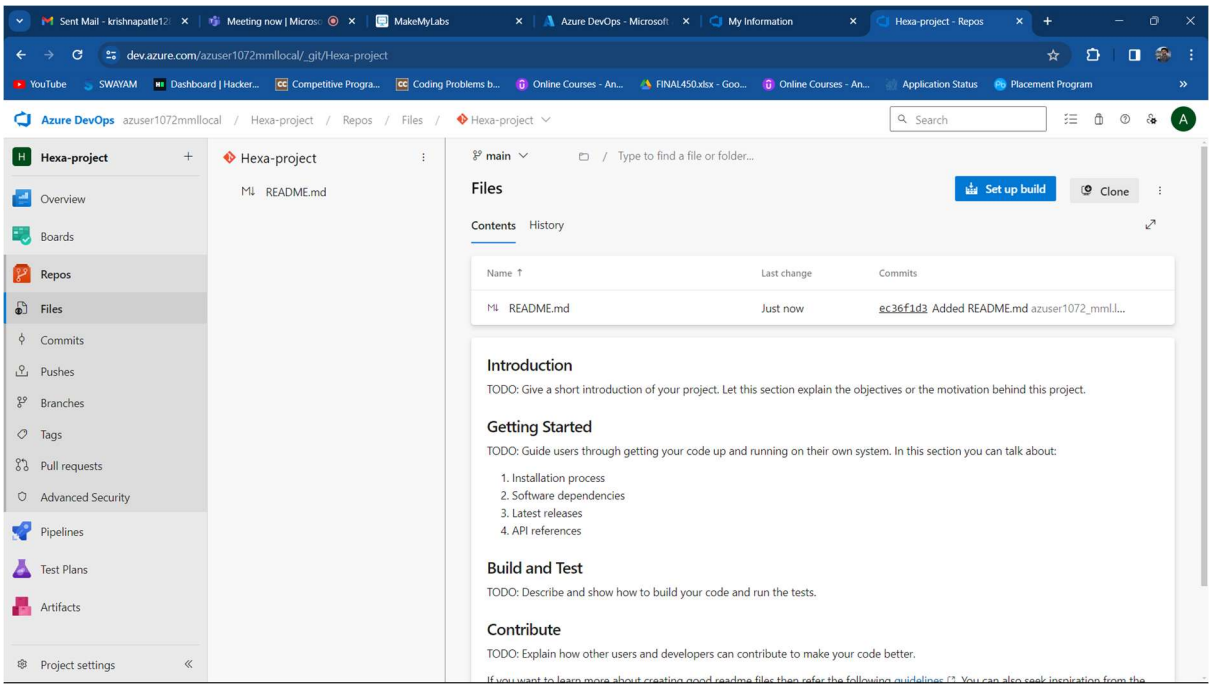
1. Creating Azure Devops Environment and Cofiguring Azure Devops Git Repository

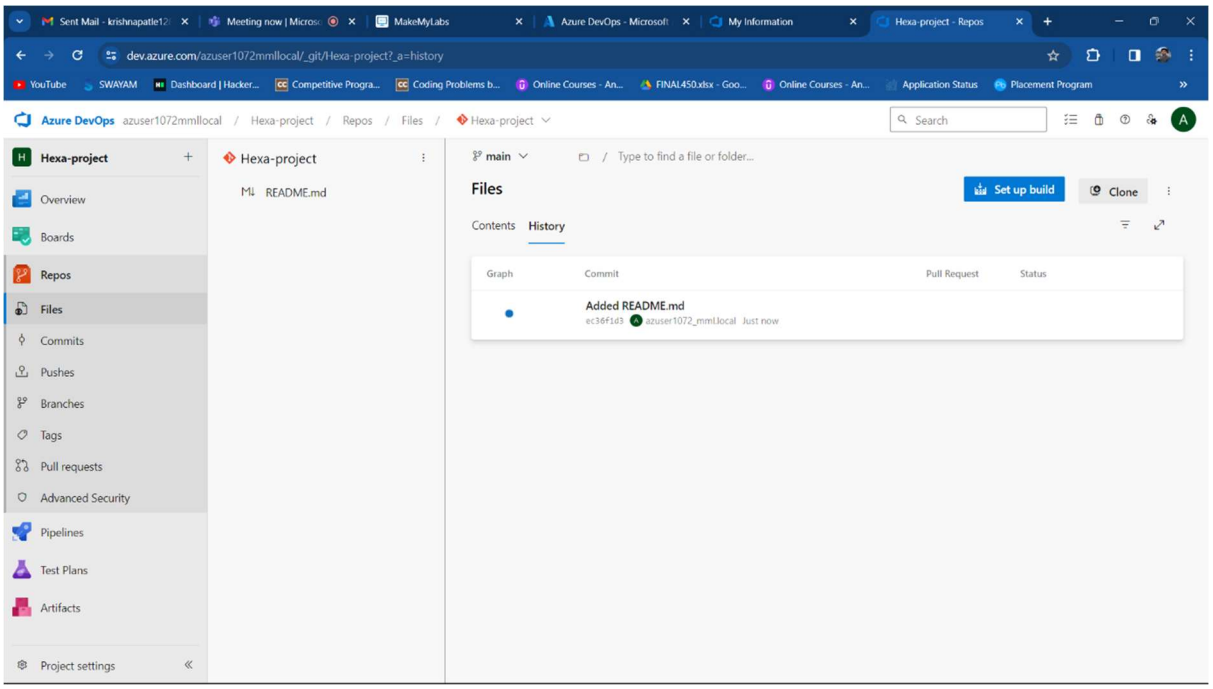




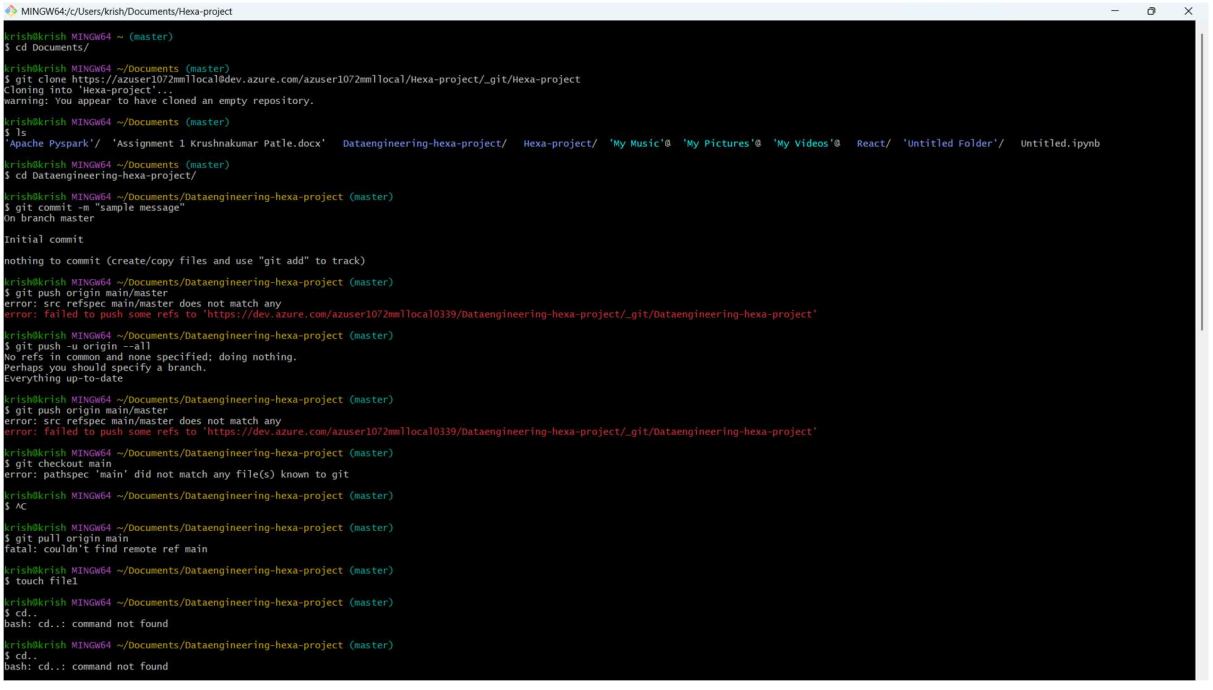


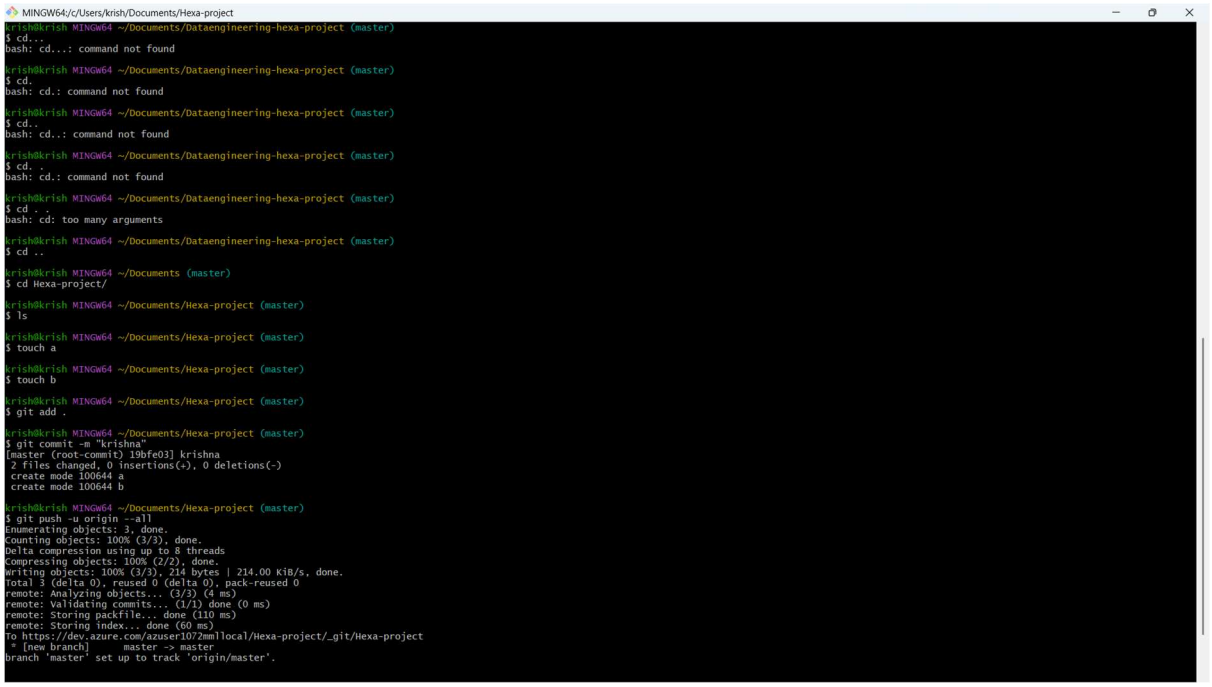
2. Add readme File





3. Upload files from git





4. Files in Azure devops repos