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| **Infrastructure Automation using Terraform on Azure**  **Create a Blob Storage** |
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This Activity demonstrates the creation of Blob Storage in Azure using Terraform.

# Prerequisite:

1. Make sure Terraform , Git and Azure CLI is installed successfully.
2. Update the Azure Credentials ( az login ). If not done, follow Step 1.
3. Download the zip file shared by the trainer and extract it.

# Walkthrough:

1. Initializing Terraform Directory
2. Creating Blob Storage
3. Destroying Blob Storage

## Part 1: Initializing Terraform Directory

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| 1 | For Authenticating , please execute below commands.  **Command :** ( for logging in )    **Result :**    **Command :** ( for setting up the subscription )    **Result :**    Open the extracted folder and navigate to “.tf” files. Open “AzureStorageResource.tf” and update the “name” arguments. |
| 2 | Click on the Address bar and type cmd. Press Enter ( It will open a command prompt from that location ). |
| 3 | Execute below command to initialize the current directory as Terraform directory which enables us to run terraform commands to manage Infrastructure.  **Command :**    **Result :** |
| 4 | Next execute below command to validate syntax and configuration of terraform configuration files. If everything is proper, it will return a success message otherwise it will display the errors.  **Command :**    **Result :** |
| 5 | Next run below command and observe the output. The output contains information depicting all the changes which will happen in the Azure cloud. It is like dry-run to ensure whatever we are trying to do using terraform commands is what we want.  **Command :**    **Result :** |

## Part 2: Creating Blob Storage

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| 1 | For creating a Blob Storage , execute below command and observe the actions performed by the command.  **Command :**    **Result :** |

## Part 3: Destroying Blob Storage

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| 1 | Execute below command to destroy the Blob Storage which we have created in previous step. After you execute below command, it will show you what changes will be done and before doing those changes it will ask for your approval. So, if you want to proceed with destroying Blob Storage, provide “yes”.  **Command:**    **Result:** |

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