(base) navneethramachandran@Mac ~ % az version

/opt/homebrew/Cellar/azure-cli/2.67.0/libexec/lib/python3.12/site-packages/azure/batch/models/_models_py3.py:4839:
SyntaxWarning: invalid escape sequence '\s'
  """A Job Preparation Task to run before any Tasks of the Job on any given
{
 "azure-cli": "2.67.0",
 "azure-cli-core": "2.67.0",
 "azure-cli-telemetry": "1.1.0",
 "extensions": {}
}
(base) navneethramachandran@Mac ~ % az login
A web browser has been opened at https://login.microsoftonline.com/organizations/oauth2/v2.0/authorize. Please continue the
login in the web browser. If no web browser is available or if the web browser fails to open, use device code flow with `az login --
use-device-code`.

Retrieving tenants and subscriptions for the selection...

[Tenant and subscription selection]

No   Subscription name   Subscription ID   Tenant
----- -------------------- ----------------------------------- -----------------
[1] * Azure subscription 1 88fee497-2387-4ac7-bdd5-ec6e1ac6662b Default Directory

The default is marked with an *; the default tenant is 'Default Directory' and subscription is 'Azure subscription 1' (88fee497-2387-
4ac7-bdd5-ec6e1ac6662b).

Select a subscription and tenant (Type a number or Enter for no changes): az account show
Invalid selection.
Select a subscription and tenant (Type a number or Enter for no changes): az account show
Invalid selection.
Select a subscription and tenant (Type a number or Enter for no changes):

Tenant: Default Directory
Subscription: Azure subscription 1 (88fee497-2387-4ac7-bdd5-ec6e1ac6662b)

[Announcements]
With the new Azure CLI login experience, you can select the subscription you want to use more easily. Learn more about it and its
configuration at https://go.microsoft.com/fwlink/?linkid=2271236

If you encounter any problem, please open an issue at https://aka.ms/azclibug

[Warning] The login output has been updated. Please be aware that it no longer displays the full list of available subscriptions by
default.

(base) navneethramachandran@Mac ~ % az account show

{
 "environmentName": "AzureCloud",
 "homeTenantId": "6c695203-4692-4ca9-855d-836254c441f3",
 "id": "88fee497-2387-4ac7-bdd5-ec6e1ac6662b",
 "isDefault": true,
 "managedByTenants": [
  {
   "tenantId": "2f4a9838-26b7-47ee-be60-ccc1fdec5953"
  }
 ],

  "name": "Azure subscription 1",
  "state": "Enabled",
  "tenantDefaultDomain": "navneethramachandranoutlook.onmicrosoft.com",
  "tenantDisplayName": "Default Directory",
  "tenantId": "6c695203-4692-4ca9-855d-836254c441f3",
  "user": {
   "name": "navneethramachandran@outlook.com",
   "type": "user"
  }
}
(base) navneethramachandran@Mac ~ % az group create --name EnergyOptimizationRG --location westeurope

{
 "id": "/subscriptions/88fee497-2387-4ac7-bdd5-ec6e1ac6662b/resourceGroups/EnergyOptimizationRG",
 "location": "westeurope",
 "managedBy": null,
 "name": "EnergyOptimizationRG",
 "properties": {
  "provisioningState": "Succeeded"
 },
 "tags": null,
 "type": "Microsoft.Resources/resourceGroups"
}
(base) navneethramachandran@Mac ~ % az group show --name EnergyOptimizationRG
{
 "id": "/subscriptions/88fee497-2387-4ac7-bdd5-ec6e1ac6662b/resourceGroups/EnergyOptimizationRG",
 "location": "westeurope",
 "managedBy": null,
 "name": "EnergyOptimizationRG",
 "properties": {
  "provisioningState": "Succeeded"
 },
 "tags": null,
 "type": "Microsoft.Resources/resourceGroups"
}
(base) navneethramachandran@Mac ~ % az storage account create --name energyoptstor --resource-group EnergyOptimizationRG --location westeurope --sku Standard_LRS --kind StorageV2
{
 "accessTier": "Hot",
 "accountMigrationInProgress": null,
 "allowBlobPublicAccess": false,
 "allowCrossTenantReplication": false,
 "allowSharedKeyAccess": null,
 "allowedCopyScope": null,
 "azureFilesIdentityBasedAuthentication": null,
 "blobRestoreStatus": null,
 "creationTime": "2024-12-02T11:54:06.302244+00:00",
 "customDomain": null,
 "defaultToOAuthAuthentication": null,
 "dnsEndpointType": null,
 "enableExtendedGroups": null,
 "enableHttpsTrafficOnly": true,
 "enableNfsV3": null,
 "encryption": {
  "encryptionIdentity": null,
  "keySource": "Microsoft.Storage",
  "keyVaultProperties": null,
  "requireInfrastructureEncryption": null,
  "services": {
   "blob": {
    "enabled": true,
    "keyType": "Account",
    "lastEnabledTime": "2024-12-02T11:54:07.567867+00:00"

```json
    },
    "file": {
     "enabled": true,
     "keyType": "Account",
     "lastEnabledTime": "2024-12-02T11:54:07.567867+00:00"
    },
    "queue": null,
    "table": null
   }
  },
  "extendedLocation": null,
  "failoverInProgress": null,
  "geoReplicationStats": null,
  "id": "/subscriptions/88fee497-2387-4ac7-bdd5-
ec6e1ac6662b/resourceGroups/EnergyOptimizationRG/providers/Microsoft.Storage/storageAccounts/energyoptstor",
  "identity": null,
  "immutableStorageWithVersioning": null,
  "isHnsEnabled": null,
  "isLocalUserEnabled": null,
  "isSftpEnabled": null,
  "isSkuConversionBlocked": null,
  "keyCreationTime": {
   "key1": "2024-12-02T11:54:06.442871+00:00",
   "key2": "2024-12-02T11:54:06.442871+00:00"
  },
  "keyPolicy": null,
  "kind": "StorageV2",
  "largeFileSharesState": null,
  "lastGeoFailoverTime": null,
  "location": "westeurope",
  "minimumTlsVersion": "TLS1_0",
  "name": "energyoptstor",
  "networkRuleSet": {
   "bypass": "AzureServices",
   "defaultAction": "Allow",
   "ipRules": [],
   "ipv6Rules": [],
   "resourceAccessRules": null,
   "virtualNetworkRules": []
  },
  "primaryEndpoints": {
   "blob": "https://energyoptstor.blob.core.windows.net/",
   "dfs": "https://energyoptstor.dfs.core.windows.net/",
   "file": "https://energyoptstor.file.core.windows.net/",
   "internetEndpoints": null,
   "microsoftEndpoints": null,
   "queue": "https://energyoptstor.queue.core.windows.net/",
   "table": "https://energyoptstor.table.core.windows.net/",
   "web": "https://energyoptstor.z6.web.core.windows.net/"
  },
  "primaryLocation": "westeurope",
  "privateEndpointConnections": [],
  "provisioningState": "Succeeded",
  "publicNetworkAccess": null,
  "resourceGroup": "EnergyOptimizationRG",
  "routingPreference": null,
  "sasPolicy": null,
  "secondaryEndpoints": null,
  "secondaryLocation": null,
  "sku": {
   "name": "Standard_LRS",
   "tier": "Standard"
  },
  "statusOfPrimary": "available",
```

```
  "statusOfSecondary": null,
  "storageAccountSkuConversionStatus": null,
  "tags": {},
  "type": "Microsoft.Storage/storageAccounts"
}
(base) navneethramachandran@Mac ~ % az storage container create --name raw-data --account-name energyoptstor
```

There are no credentials provided in your command and environment, we will query for account key for your storage account.
It is recommended to provide --connection-string, --account-key or --sas-token in your command as credentials.

You also can add `--auth-mode login` in your command to use Azure Active Directory (Azure AD) for authorization if your login account is assigned required RBAC roles.
For more information about RBAC roles in storage, visit https://docs.microsoft.com/azure/storage/common/storage-auth-aad-rbac-cli.

In addition, setting the corresponding environment variables can avoid inputting credentials in your command. Please use --help to get more information about environment variable usage.

```
{
  "created": true
}
(base) navneethramachandran@Mac ~ % az storage container list --account-name energyoptstor --output table
```

There are no credentials provided in your command and environment, we will query for account key for your storage account.
It is recommended to provide --connection-string, --account-key or --sas-token in your command as credentials.

You also can add `--auth-mode login` in your command to use Azure Active Directory (Azure AD) for authorization if your login account is assigned required RBAC roles.
For more information about RBAC roles in storage, visit https://docs.microsoft.com/azure/storage/common/storage-auth-aad-rbac-cli.

In addition, setting the corresponding environment variables can avoid inputting credentials in your command. Please use --help to get more information about environment variable usage.

```
Name      Lease Status    Last Modified
--------  --------------  -------------------------
raw-data                  2024-12-02T11:54:41+00:00
(base) navneethramachandran@Mac ~ % find / -name "ikea_energy_consumption.csv" 2>/dev/null
/System/Volumes/Data/Users/navneethramachandran/sustainabilityproject/ikea_energy_consumption.csv
/Users/navneethramachandran/sustainabilityproject/ikea_energy_consumption.csv
(base) navneethramachandran@Mac ~ % az storage blob upload --account-name energyoptstor --container-name raw-data --file
/System/Volumes/Data/Users/navneethramachandran/sustainabilityproject/ikea_energy_consumption.csv --name
ikea_energy_consumption.csv
```

There are no credentials provided in your command and environment, we will query for account key for your storage account.
It is recommended to provide --connection-string, --account-key or --sas-token in your command as credentials.

You also can add `--auth-mode login` in your command to use Azure Active Directory (Azure AD) for authorization if your login account is assigned required RBAC roles.
For more information about RBAC roles in storage, visit https://docs.microsoft.com/azure/storage/common/storage-auth-aad-rbac-cli.

In addition, setting the corresponding environment variables can avoid inputting credentials in your command. Please use --help to get more information about environment variable usage.

```
Finished[#####################################################################]  100.0000%
{
  "client_request_id": "c043bb20-b0a6-11ef-8103-42164ad04aa9",
  "content_md5": "4fOeENs749USTehOM3FAtQ==",
  "date": "2024-12-02T12:12:50+00:00",
  "encryption_key_sha256": null,
  "encryption_scope": null,
```

  "etag": "\"0x8DD12CAA48CF885\"",
  "lastModified": "2024-12-02T12:12:50+00:00",
  "request_id": "5fde6a21-901e-00ba-70b3-44e631000000",
  "request_server_encrypted": true,
  "version": "2022-11-02",
  "version_id": null
}
(base) navneethramachandran@Mac ~ % az storage blob list --account-name energyoptstor --container-name raw-data --output table

There are no credentials provided in your command and environment, we will query for account key for your storage account.
It is recommended to provide --connection-string, --account-key or --sas-token in your command as credentials.

You also can add `--auth-mode login` in your command to use Azure Active Directory (Azure AD) for authorization if your login account is assigned required RBAC roles.
For more information about RBAC roles in storage, visit https://docs.microsoft.com/azure/storage/common/storage-auth-aad-rbac-cli.

In addition, setting the corresponding environment variables can avoid inputting credentials in your command. Please use --help to get more information about environment variable usage.

Name	Blob Type	Blob Tier	Length	Content Type	Last Modified	Snapshot
ikea_energy_consumption.csv	BlockBlob	Hot	5704	text/csv	2024-12-02T12:12:50+00:00	

(base) navneethramachandran@Mac ~ %