Azure Databricks common errors and troubleshooting steps:

Steps to reproduce:  
I was trying to read Key Vault values using scopes in a Databricks notebook.

Sample code:

scope = "formula2-scope"

client\_id = dbutils.secrets.get(scope = scope, key = "databricks-app-client-id")

tenant\_id = dbutils.secrets.get(scope = scope, key = "databricks-app-tenant-id")

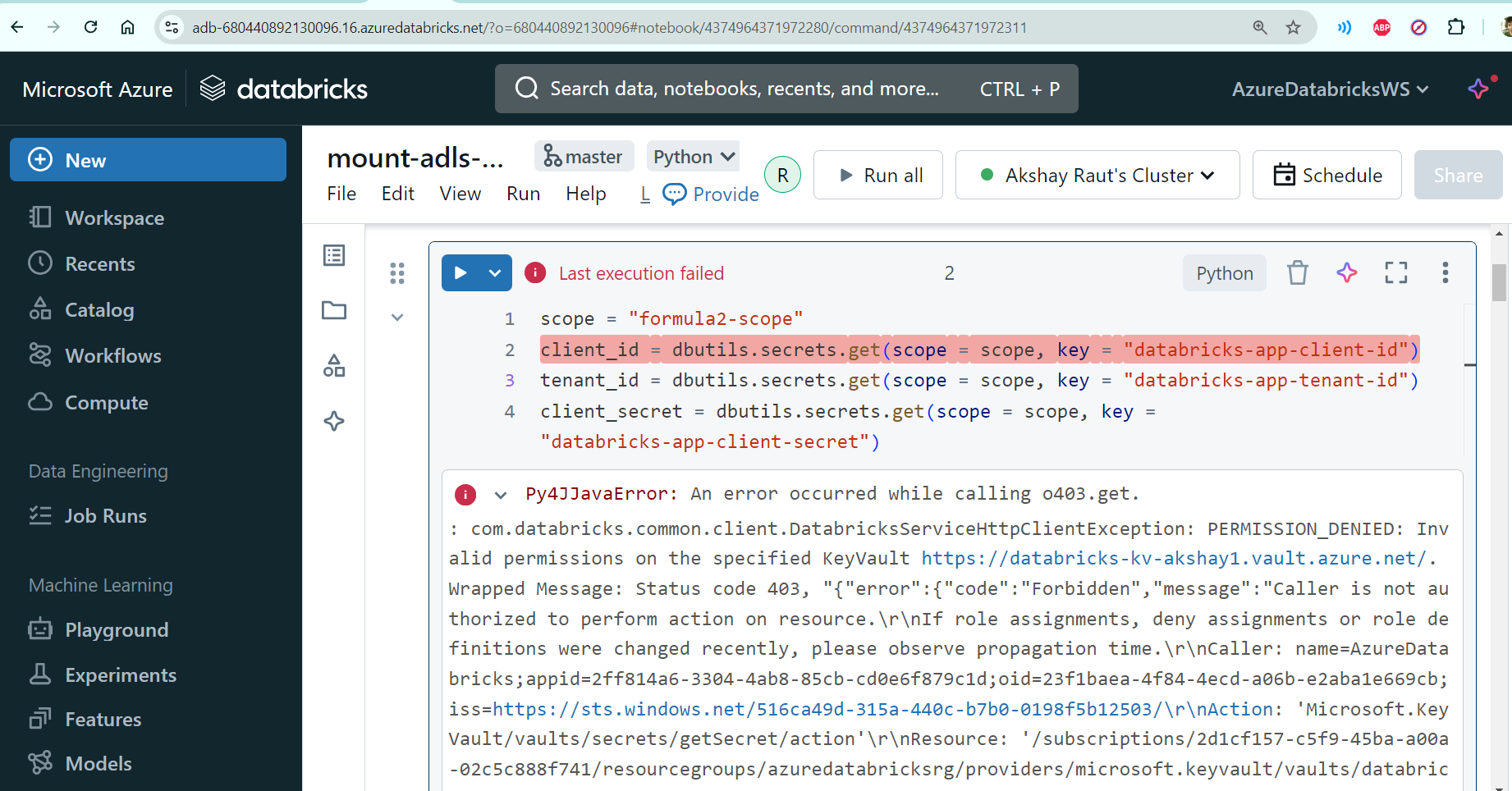
client\_secret = dbutils.secrets.get(scope = scope, key = "databricks-app-client-secret")

Error:

Py4JJavaError: An error occurred while calling o403.get. : com.databricks.common.client.DatabricksServiceHttpClientException: PERMISSION\_DENIED: Invalid permissions on the specified KeyVault <https://databricks-kv-akshay1.vault.azure.net/>. Wrapped Message: Status code 403, "{"error":{"code":"Forbidden","message":"Caller is not authorized to perform action on resource.\r\nIf role assignments, deny assignments or role definitions were changed recently, please observe propagation time.\r\nCaller: name=AzureDatabricks;appid=2ff814a6-3304-4ab8-85cb-cd0e6f879c1d;oid=23f1baea-4f84-4ecd-a06b-e2aba1e669cb;iss=[https://sts.windows.net/516ca49d-315a-440c-b7b0-0198f5b12503/\r\nAction](https://sts.windows.net/516ca49d-315a-440c-b7b0-0198f5b12503/r/nAction): 'Microsoft.KeyVault/vaults/secrets/getSecret/action'\r\nResource: '/subscriptions/2d1cf157-c5f9-45ba-a00a-02c5c888f741/resourcegroups/azuredatabricksrg/providers/microsoft.keyvault/vaults/databricks-kv-akshay1/secrets/databricks-app-client-id'\r\nAssignment: (not found)\r\nDenyAssignmentId: null\r\nDecisionReason: null \r\nVault: databricks-KV-Akshay1;location=eastus\r\n","innererror":{"code":"ForbiddenByRbac"}}}"

This is followed a stack trace.

Screenshot #1:



Analysis: The error message indicates that the Databricks doesn’t have access to the Key Vault.

Solution: Go to Key Vault -> Access Control (IAM) -> Add role assignment -> Select Key Vault Administrator -> Click “Select members” -> Search and select “AzureDatabricks” -> Save and apply changes.

Refer: <https://stackoverflow.com/questions/77484139/azure-databricks-wont-access-key-vault-permissions-error-from-rbac>