**ARM templates, Bicep and Pipelines**

**22nd October 2025**

**Task:** ARM and Bicep template provisioning a single simple resource, also deploy these via yaml pipelines. Extend to play with variablization, environments and templating.

**Solution 1: Deploying a single resource using an ARM template**

**Step 1:** Install the azure ARM template tools/snippets on VSCode

**Step 2:** Use the arm template available via the installed tool and create a storage account with the same

**Step 3:** Write a deployment script to deploy the template – this can be either PowerShell or bash. But make sure you have logged in azure via az login (bash)

**Step 4:** Make sure to provide the template file you had just created in the deployment script

**Step 5:** Make the script executable using chmod +x and run the script

**Step 6:** If the script ran without any errors, you should be able to see the created storage account in the azure portal

A screenshot of a computer

AI-generated content may be incorrect.

**Solution 2: Deploying a single resource using Bicep**