Logging in to Azure from a GitHub Workflow

Start

Let's now update our CICD workflow so it can login to our Azure subscription.

In GitHub (Play.Identity repo)

1. Edit the cicd.yml workflow

2. Add permissions to the **build-and-deploy-service** job:

    ```
    …
    env:
      APP_NAME: playeconomy

    permissions:
      id-token: write
      contents: read

    steps:
    …
    ```

3. Add the **Azure Login** action from the Marketplace:

    ```
    - uses: actions/checkout@v2

    - name: Azure Login
      uses: Azure/login@v1.4.3
      with:
        client-id:
        tenant-id:
        subscription-id:

    - name: Build and push Docker images
    …
    ```

4. Create the required GitHub repo secrets (grab from GitHub app in Azure Portal):

    ```
    AZURE_CLIENT_ID
    AZURE_TENANT_ID
    AZURE_SUBSCRIPTION_ID
    ```

5. Fill in the secrets in Login to Azure action:

    ```
    - name: Azure Login
    ```

```
uses: Azure/login@v1.4.3
with:
  client-id: ${{ secrets.AZURE_CLIENT_ID }}
  tenant-id: ${{ secrets.AZURE_TENANT_ID }}
  subscription-id: ${{ secrets.AZURE_SUBSCRIPTION_ID }}
```

6. Commit changes

7. Verify Azure login action succeeds

8. Document the new secrets to in README

In the next lesson you will update your workflow to login to ACR and publish your docker images.