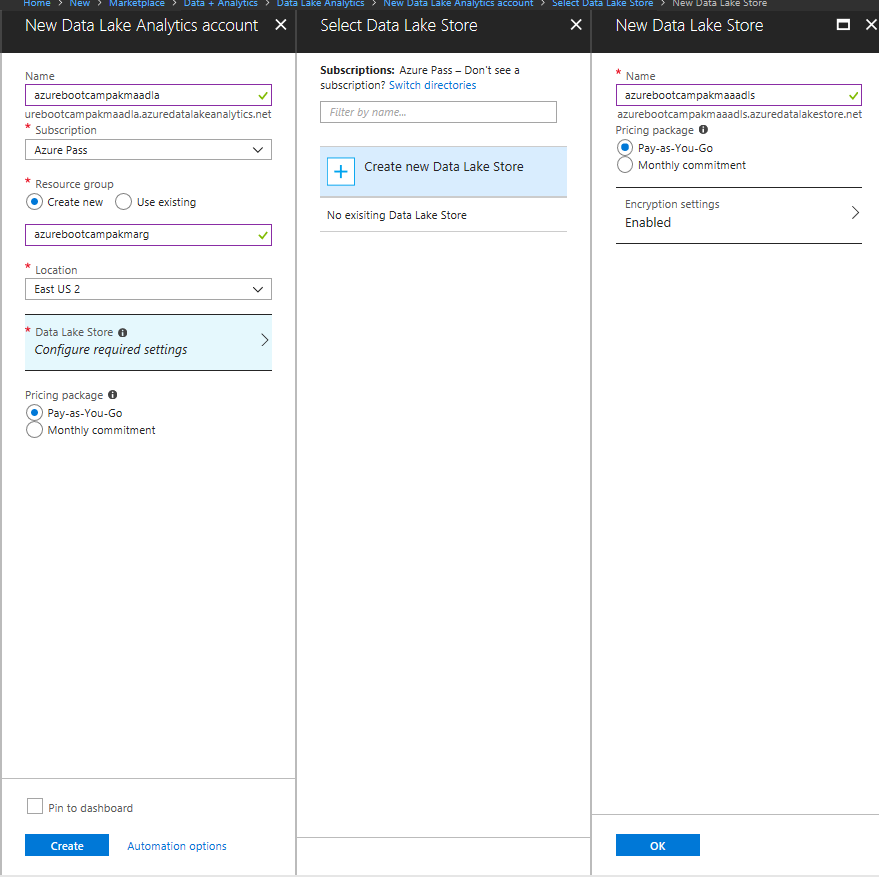
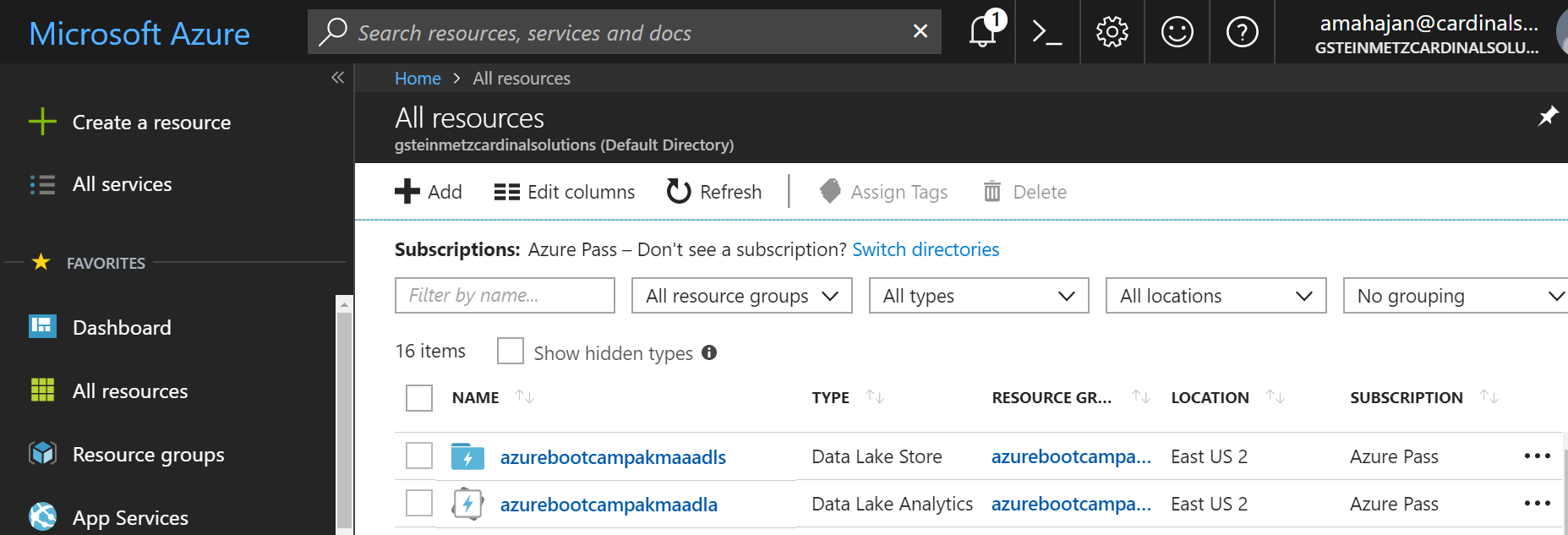
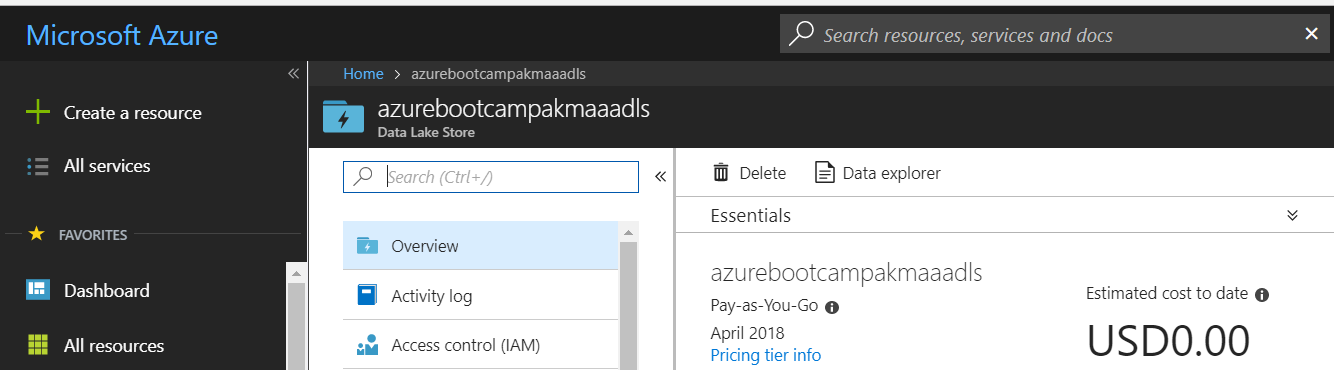
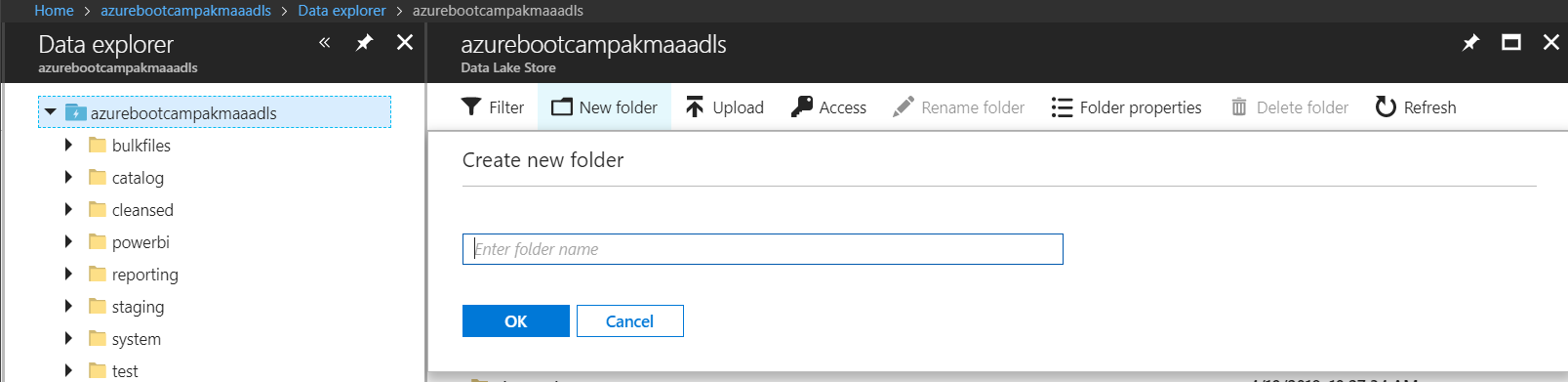
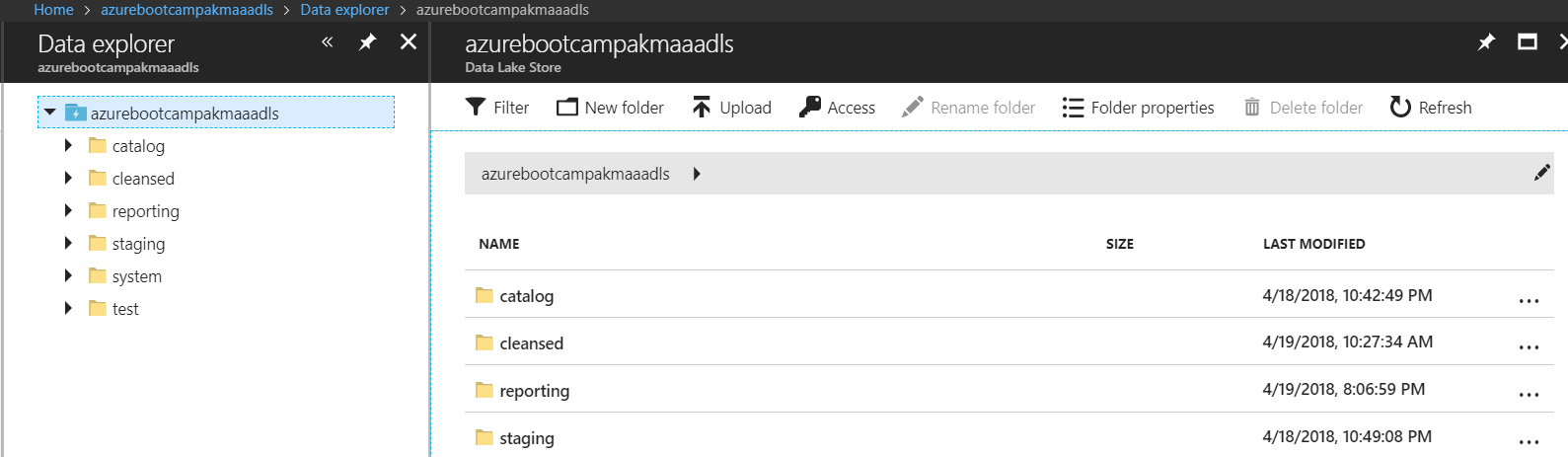
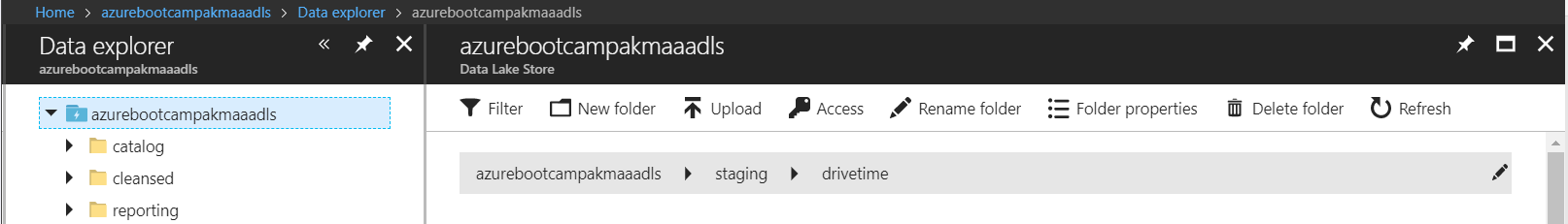
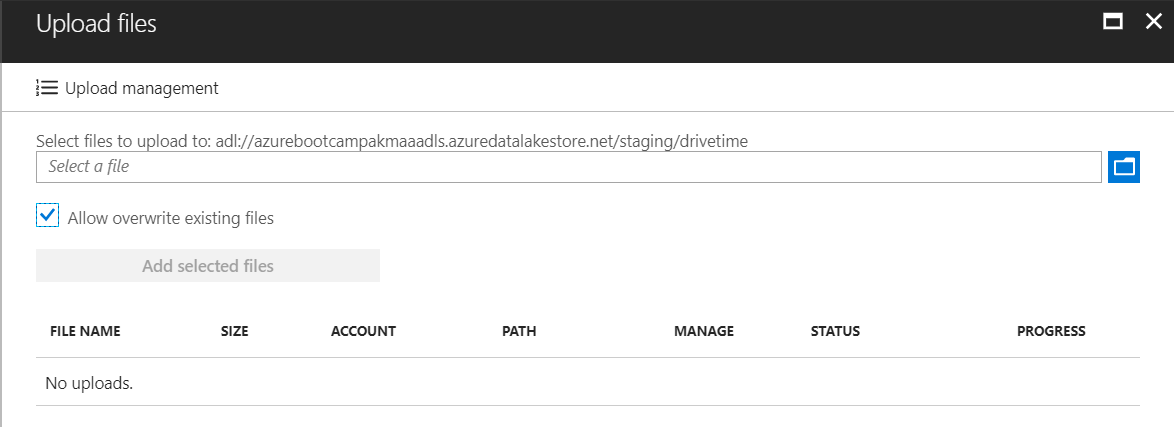
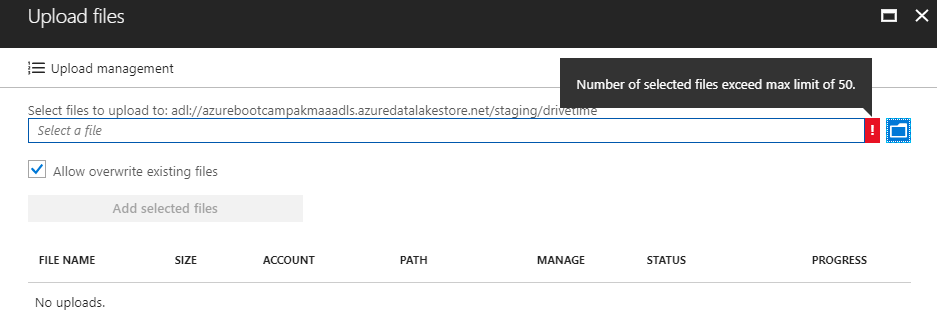
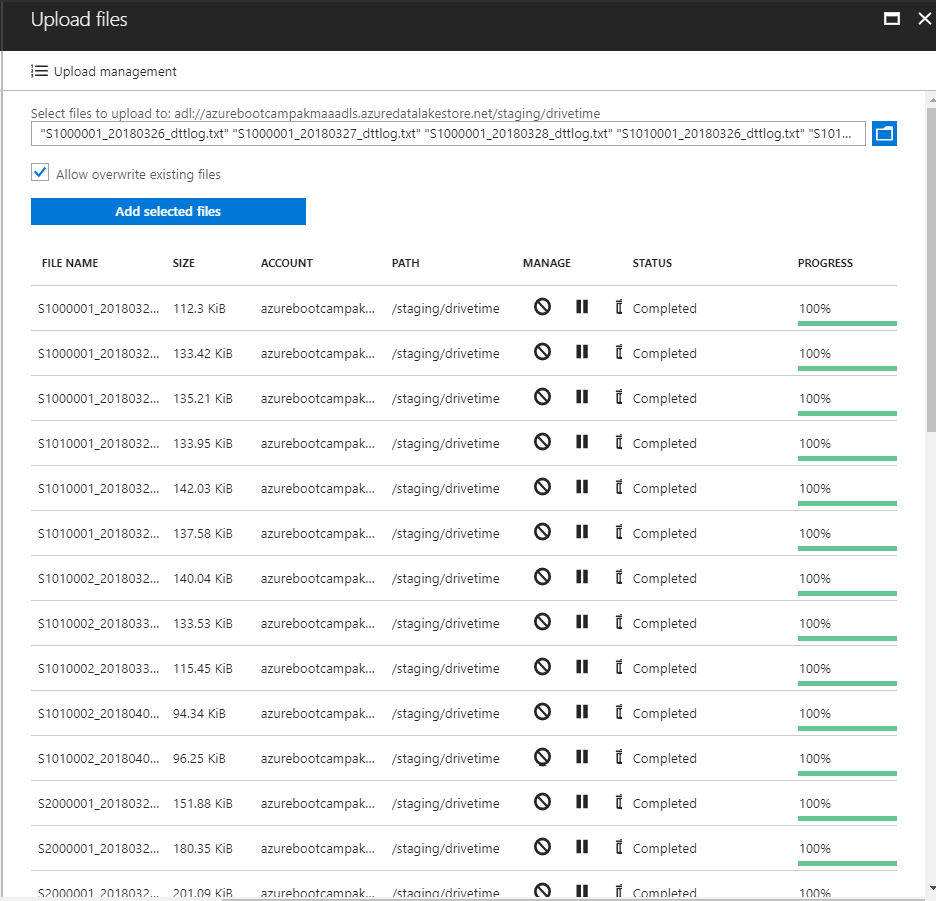
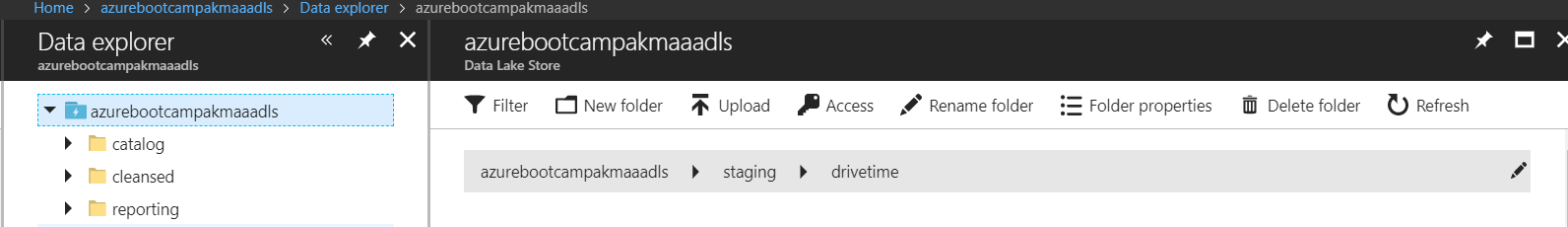
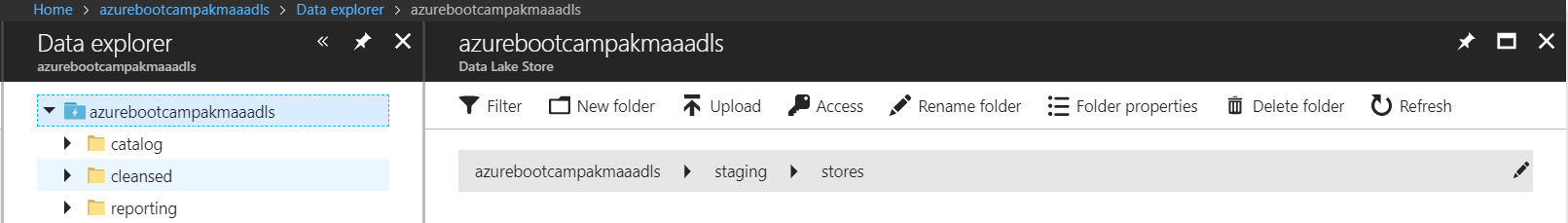
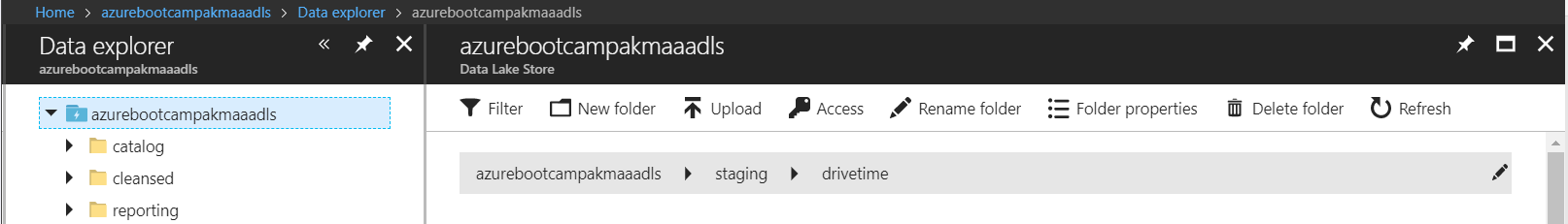
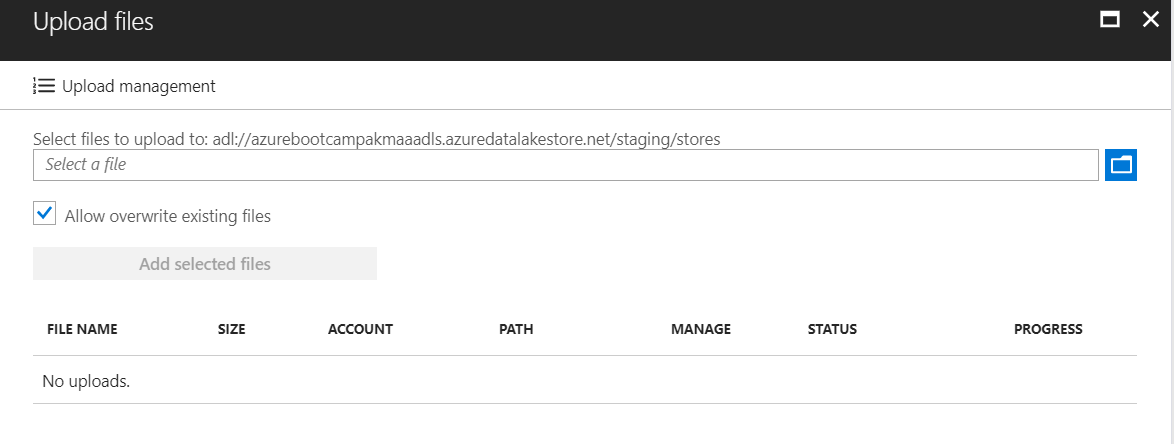
# **ADLA – USQL Hand on Labs**

Create Data Lake Analytics Service and Data Lake Store.

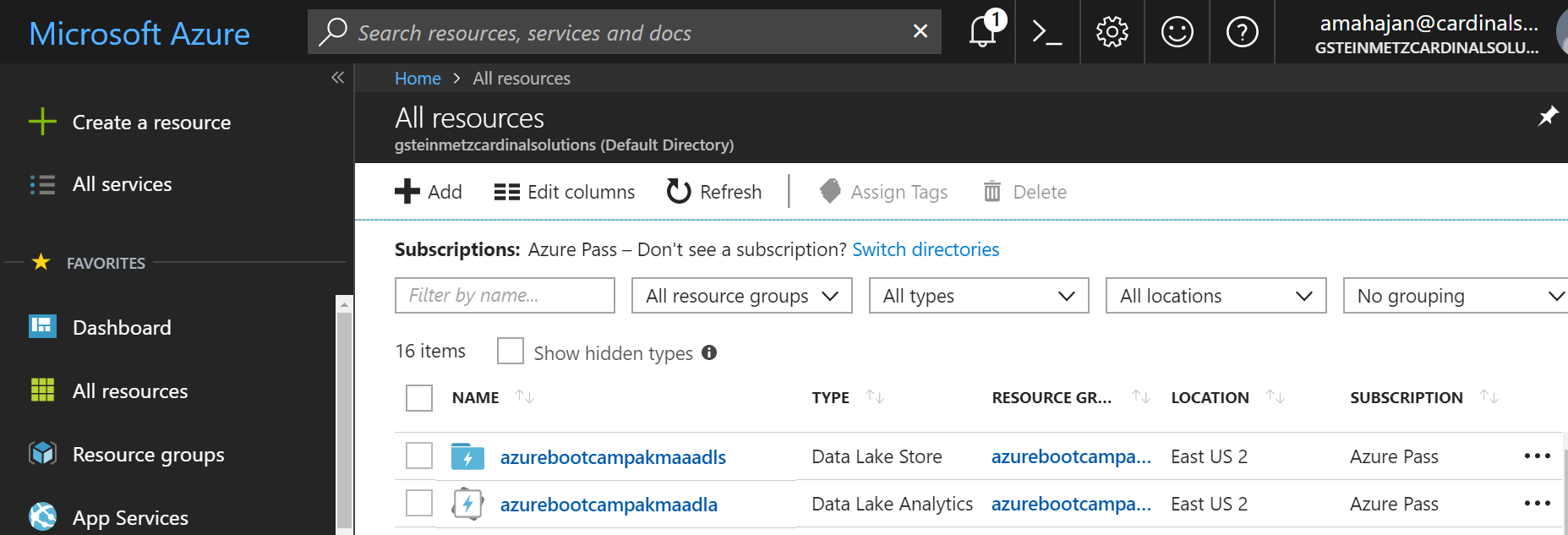
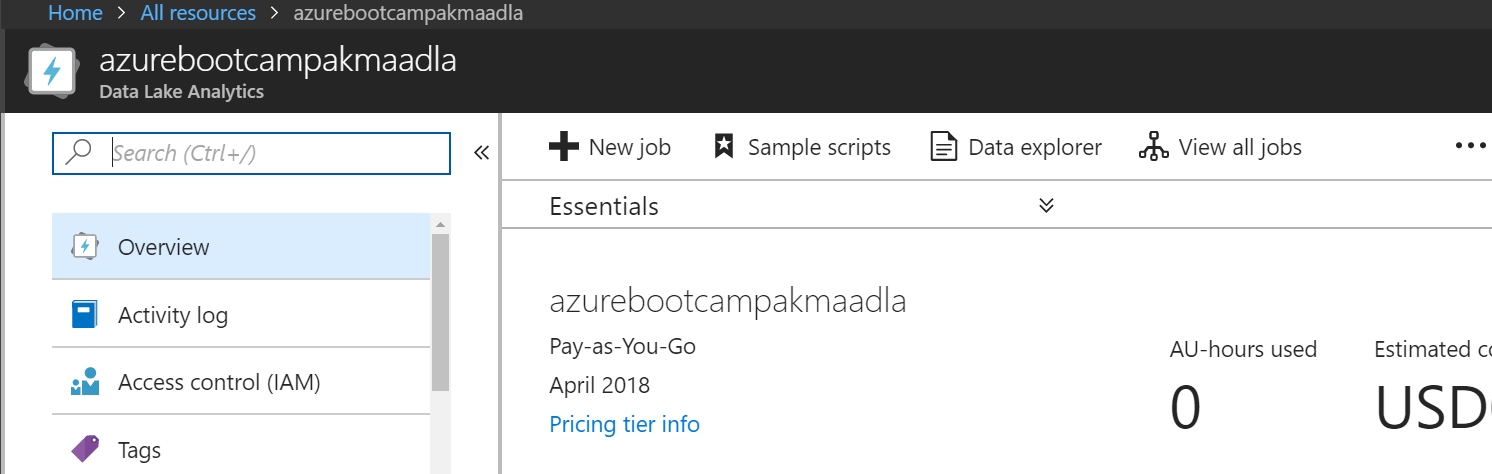
1. Sign on to the [Azure portal](https://portal.azure.com/).
2. Click **Create a resource** > **Data + Analytics** > **See All** > **Scroll Down** > **Data Lake Analytics** > **Create.**
3. Select values for the following items:
   1. **Name**: Name your Data Lake Analytics account (Only lower-case letters and numbers allowed).
   2. **Subscription**: Choose the Azure subscription used for the Analytics account.
   3. **Resource Group**. Create a new one.
   4. **Location**. East US 2.
   5. **Data Lake Store**: Follow the instruction to create a new Data Lake Store account or select an existing one.
4. **Pricing Package**: Pay-as-You-Go.
5. Click **Create**.



Loading Data

1. Go to the [Azure portal](https://portal.azure.com/)
2. Click **All Resources** > azurebootcampakmaadls **(Name of your Azure Data Lake Store)** created during the previous step.
3. 
4. Click on **Data Explorer**
5. 
6. Click **New Folder**
7. 
8. **Enter Folder Name: -** **staging**
9. Click **OK**
10. 
11. Click on **azurebootcampakmaadls** to go back to the root directory
12. Repeat the steps 6- 9 to create a **New Folder** for **reporting**
13. Repeat the steps 6- 9 to create a **New Folder** for **cleansed**
14. Click on **Folder “staging”**
15. Repeat the steps 6- 9 to create a **New Folder** for “**drivetime” under “staging”**
16. Repeat the steps 6- 9 to create a **New Folder** for “**stores” under “staging”**
17. Click on **Folder “drivetime”**
18. Click on **Upload**
19. 
20. 
21. Check **Allow overwrite existing files**
22. Click on the **“Folder”** icon to browse to the folder where you downloaded the **data\drivetime folder.**
23. **Select multiple files** and click on **Add Selected Files. If you select more than 50 files then you will see the following error.**
24. ****
25. Select less than 50 files and click on **Add Selected Files**
26. 
27. **As only 50 files can be uploaded at one time, so you will have to do this step twice to make sure you have all the files.** There should be a total of **63 files in staging/drivetime folder**
28. Click on **staging** to go back to the **staging** folder.
29. 
30. Open **Folder “staging”**
31. 
32. Click on **Upload**
33. 
34. 
35. Check **Allow overwrite existing files**
36. Click on the **“Folder”** icon to browse to the folder where you downloaded the **data\stores folder**
37. Select the **stores.csv file** and click on **Add Selected Files.**

Running the labs

1. Go to the [Azure portal](https://portal.azure.com/)
2. Click **All Resources** > azurebootcampakmaadla **(Name of your Data Lake Analytics)**
3. 
4. Click on **“+ New Job”**
5. 
6. **Job Name:** Can’t be empty
7. **AUs:** Leave the default at 1
8. Copy the code from the Labs**.**
9. 