**Lab 3**

Ex 3 Task 3

Due to changes in Axure Databricks task steps should change:

1. In the App registrations screen, click on the +New Registration button
2. Provide the new of DLAccess and URL of <https://adventureworks.org/exampleapp> for the application. Select Web App for the type of application you want to create. After seeing the values, select Create. The DLAccess screen will appear.
3. In the DLAccess registered app screen, copy the Application ID and Tenant ID and paste both into Notepad.
4. In the DLAccess registered app screen, click on Certificates and Secrets, and the click +New Client Secret.
5. Provide a description of DL Access Key, and a duration of In 1 year for the key. When done, click the Add button. Copy the key into the Notepad file.

**Lab 4**

**Exercise 2 Task 1**

1. In the Azure portal, in the awcdbstudxx - Quick start screen, click on the Overview option in the blade.
2. In the awcdbstudxx screen, click + Add Container. This opens up Data Explorer with the Add Container screen.
3. In the Add Collection screen, create a Products database with a collection named Clothing with the following settings:

* Database id: Products
* Container id: Clothing
* Partition key: /productId
* Leave the remaining options with their default values

1. In the Add Container screen, click OK

**Exercise 2 task 2 (steps 2-4)**  
2. In the SQL API pane, expand Clothing and click on Items. A new document appears with a sample JSON that you will now replace.

1. In the Documents pane, click on the icon for New Item.
2. Copy the following code and paste it into the Items tab:

**Exercise 3 Step 1 Step 8**  
Step 8 not required as it is done later (step 11)

**Lab 5**

**Exercise 1 Task 1 Step 4**

1. use Pa55w.rd instead of P@ssw0rd as @ sign may be an issue on some keyboards
2. select the source as Sample and use the AdventureworksLT sample database (used in Lab 7)

**Exercise 2 Task 1 Step 4**  
Sample database is not available as a choice now so remove SELECT SOURCE and SELECT SAMPLE parts

Ex 3 Task 3

Agreed, may be create a template included in the lab files to get the delegates to complete the distribution and indexing within the WITH clause.

-- Desired scripts  
**Exercise 3 Task 3 Step 2**  
CREATE TABLE dbo.Users(  
userId int null,  
City nvarchar(100) null,  
Region nvarchar(100) null,  
Country nvarchar(100) null  
) WITH (  
CLUSTERED COLUMNSTORE INDEX,  
DISTRIBUTION = REPLICATE  
);  
GO

**Exercise 3 Task 3 Step 5**  
CREATE TABLE dbo.Products(  
ProductId int null,  
EnglishProductName nvarchar(100) null,  
Color nvarchar(100) null,  
StandardCost int null,  
ListPrice int null,  
Size nvarchar(100) null,  
Weight int null,  
DaysTomanufacture int null,  
Class nvarchar(100) null,  
Style nvarchar(100) null  
) WITH (  
CLUSTERED COLUMNSTORE INDEX,  
DISTRIBUTION = ROUND\_ROBIN  
);  
GO

**Exercise 3 Task 3 Step 8**  
CREATE TABLE dbo.FactSales(  
DateId int null,  
ProductId int null,  
UserId int null,  
UserPreferenceId int null,  
SalesUnit int null  
) WITH (  
CLUSTERED COLUMNSTORE INDEX,  
DISTRIBUTION = HASH(SalesUnit)  
);  
GO

**Lab 6**

Changes required as naming of items changed

**Exercise 2 Task 1 Step 4**  
In the Azure portal, select + Create a resource, type Event Hubs, and then select **Event Hubs** from the resulting search. Then select Create.

**Exercise 3 Task 1 Step 6**  
Button to select is now **Student** rather than Student project / Learning to code

**Exercise 3 Task 1 Steps 6/7**  
There are a number of extra boxes to complete

**Exercise 3 Task 2 Steps 3**  
In the “Create an App" page, provide the following information and click on Create an App:

**Lab 7**

**Exercise 2 Task 3 Step 1**  
The tables do not exist unless the Azure SQL Database was created with the AdventureworksLT database sample (Module 5 exercise 1)

**Lab 8**

First, there are 2 exercise 4s in the lab.

**Exercise 2 Task 2**  
The Azure Security centre has not been enabled during the labs so the users will have to Agree to the Security Centre Standard Plan (30 day trial) and then select Start Trial. This should then be followed by Installing the Agents. The recommendations may take 24 hours so this should probably be done at the start of the course.

**Exercise 4 (Securing Data Stores) Task 1 Steps 1 and 2**  
Instructions get the user to click on the data lake store then immediately go to the Azure SQL Database, so should be edited as below.

1. In the Azure portal, in the blade, click Resource groups, and then click awrgstudxx, and then click on DeptDatabasesxx, where xx are your initials.

**Exercise 4 (Securing Data Stores) Task 2 (second set of Steps 1 and 2)**

1. In SQL Server Management Studio, in Object Explorer, expand DeptDatabasesxx, and then expand Tables.
2. Right click [SalesLT].[Customer] and then click Select Top 1000 Rows