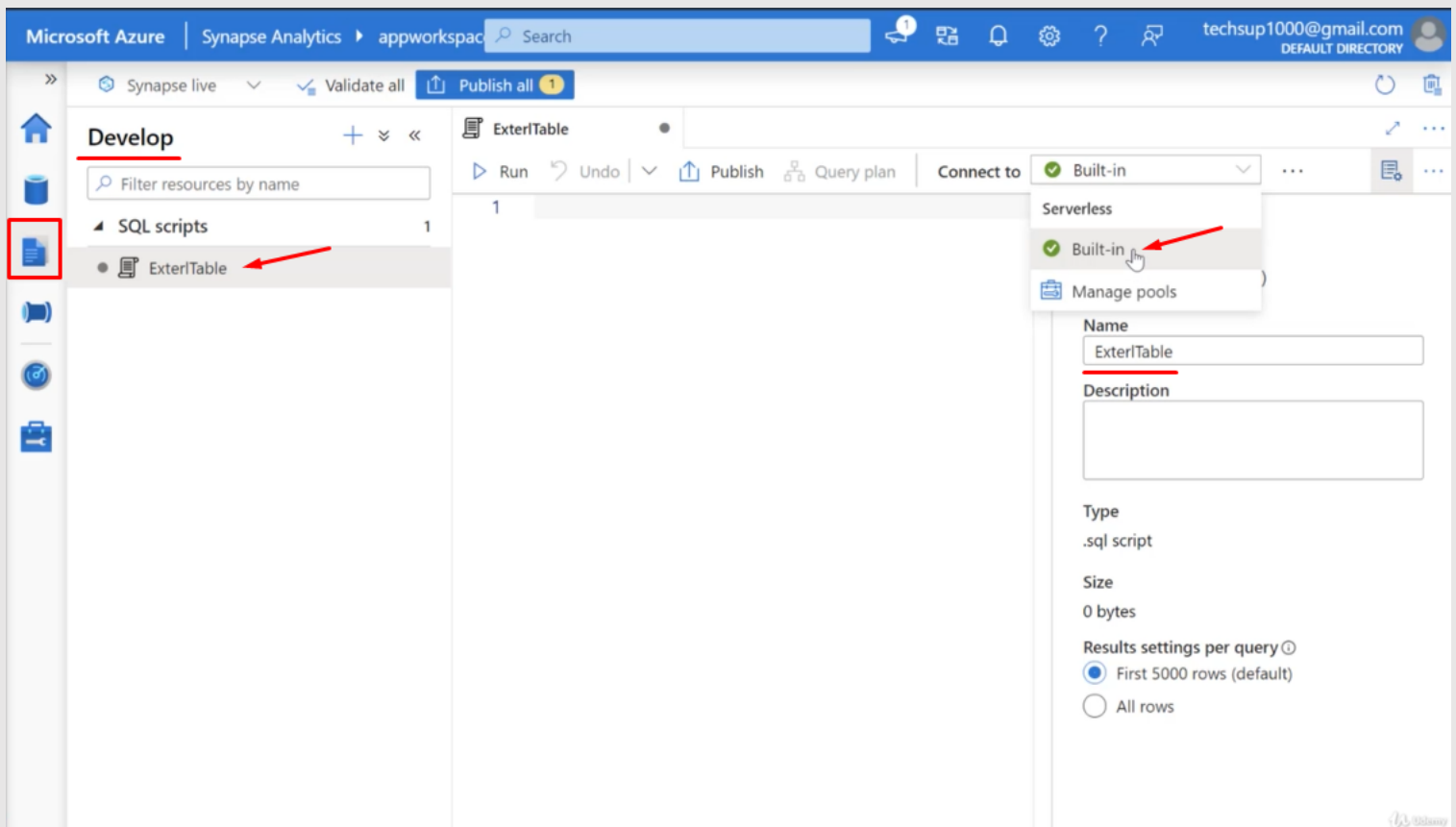


Crear una “External table” en un Serverless pool

Menu → Develop → SQL Script → En el menú superior horizontal seleccionamos “Built-in” (Serverless pool)



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Synapse live | Validate all | Publish all

ExtelTable

Run | Undo | Publish | Query plan | Connect to: Built-in | Use database: master

```
1 -- Lab - Using External tables
2
3 -- First we need to create a database in the serverless pool
4 CREATE DATABASE [appdb]
5
6 -- Here we are creating a database master key.
7 -- This key will be used to protect the Shared Access Signature which is specified in the
8 -- Ensure to switch the context to the new database first
9
10 CREATE MASTER KEY ENCRYPTION BY PASSWORD = 'P@ssw0rd@123';
11
12 -- Here we are using the Shared Access Signature to authorize the use of the Azure Data Lake
13
14 CREATE DATABASE SCOPED CREDENTIAL SasToken
15 WITH IDENTITY='SHARED ACCESS SIGNATURE'
16 , SECRET = 'sv=2020-02-10&ss=b&srt=sco&sp=r1&se=2021-06-26T14:34:27Z&st=2021-06-26T06:34:27Z'
17
18 -- This defines the source of the data.
19
20 CREATE EXTERNAL DATA SOURCE log_data
21 WITH ( LOCATION = 'https://appdatalake7000.dfs.core.windows.net/data',
22 CREDENTIAL = SasToken
23 )
24
25 /* This creates an External File Format object that defines the external data that can be
26 present in Hadoop, Azure Blob storage or Azure Data Lake Store
27
```

Properties

General Related (0)

Name: ExtelTable

Description:

Type: .sql script

Size: 0 bytes

Results settings per query: First 5000 rows (default)

Menu → Data → Verificamos que la base de datos y la External table se hayan creado

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Data

Workspace | Linked

Filter resources by name

Databases

- appdb (SQL)
 - External tables
 - dbo.logdata
 - Columns
 - Id (int, null)
 - Correlationid (varchar(200), null)
 - Operationname (varchar(200), null)
 - Status (varchar(100), null)
 - Eventcategory (varchar(100), null)
 - Level (varchar(100), null)
 - Time (datetime, null)
 - Subscription (varchar(200), null)
 - Eventinitiatedby (varchar(1000), null)

ExternalTable

Run | Undo | Publish | Query plan | Connect to: Built-in

```
66
67 2. Msg 16544, Level 16, State 3, Line 34
68 The maximum reject threshold is reached.
69 This happens when you try to select the rows of data from the table
70
71 */
72
73
74 SELECT * FROM [logdata]
75
76
77 SELECT [Operationname] , COUNT([Operationname]) as [Operation Count]
78 FROM [logdata]
79 GROUP BY [Operationname]
80 ORDER BY [Operation Count]
```

Results Messages

View: Table | Chart | Export results

Operationname	Operation Count
---------------	-----------------

00:00:01 Query executed successfully.

Microsoft Azure | Synapse Analytics | appworkspace

Search

techsup1000@gmail.com
DEFAULT DIRECTORY

Synapse live

Validate all

Publish all

Data

Workspace

Linked

Filter resources by name

Id (int, null)

Correlationid (varchar(200), null)

Operationname (varchar(200), null)

Status (varchar(100), null)

Eventcategory (varchar(100), null)

Level (varchar(100), null)

Time (datetime, null)

Subscription (varchar(100), null)

Eventinitiatedby (varchar(1000), null)

Resourcetype (varchar(1000), null)

Resourcegroup (varchar(1000), null)

External resources

Views

Schemas

Security

ExternalTable

Run

Undo

Publish

Query plan

66

67 2. Msg 16544, Level 16, State 3, Line 34

68 The maximum reject threshold is reached.

69 This happens when you try to select the rows of data from th

70

71

72 */

73

74 SELECT * FROM [logdata]

75

76

77 SELECT [Operationname] , COUNT([Operationname]) as [Operatio

78 FROM [logdata]

79 GROUP BY [Operationname]

80 ORDER BY [Operation Count]

Results

Messages

View

Table

Chart

Export results

Search

Operationname	Operation Count
(Null)	0

00:00:01 Query executed successfully.