

SQL

```
SELECT * FROM sys.databases
```

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The title bar indicates the connection to 'mynewserver-20180430.database.windows.net.mySampleDataWarehouse (cloudsa (179))*'. The 'Object Explorer' on the left shows the 'Databases' folder expanded, with 'mySampleDataWarehouse' highlighted. The 'Query Editor' in the center contains the SQL query 'SELECT * FROM sys.databases', which is highlighted with a red box. The 'Execute' button in the toolbar is also highlighted with a red box. Below the query editor, the 'Results' pane shows the output of the query as a table with 2 rows. The status bar at the bottom indicates 'Query exec...' and '2 rows'.

	name	database_id	source_database_id	owner_sid
1	master	1	NULL	0x01060000000000164000000000000000C151C604F786
2	mySampleDataWarehouse	8	NULL	0x01060000000000164000000000000000C151C604F786

SQL

```
SELECT LastName, FirstName FROM dbo.dimCustomer  
WHERE LastName = 'Adams' AND NumberChildrenAtHome = 3;
```

The screenshot displays the SQL Server Enterprise Manager interface. The Object Explorer on the left shows the database structure, with 'dbo.dimCustomer' highlighted by a red arrow. The central pane shows the SQL query: 'SELECT LastName, FirstName FROM dbo.dimCustomer WHERE LastName = 'Adams' AND NumberChildrenAtHome = 3;'. The bottom pane shows the results of the query, which are 6 rows of data for customers with the last name 'Adams' and 3 children at home.

	LastName	FirstName
1	Adams	Richard
2	Adams	Kyle
3	Adams	Ben
4	Adams	Logan
5	Adams	Sara
6	Adams	Luis