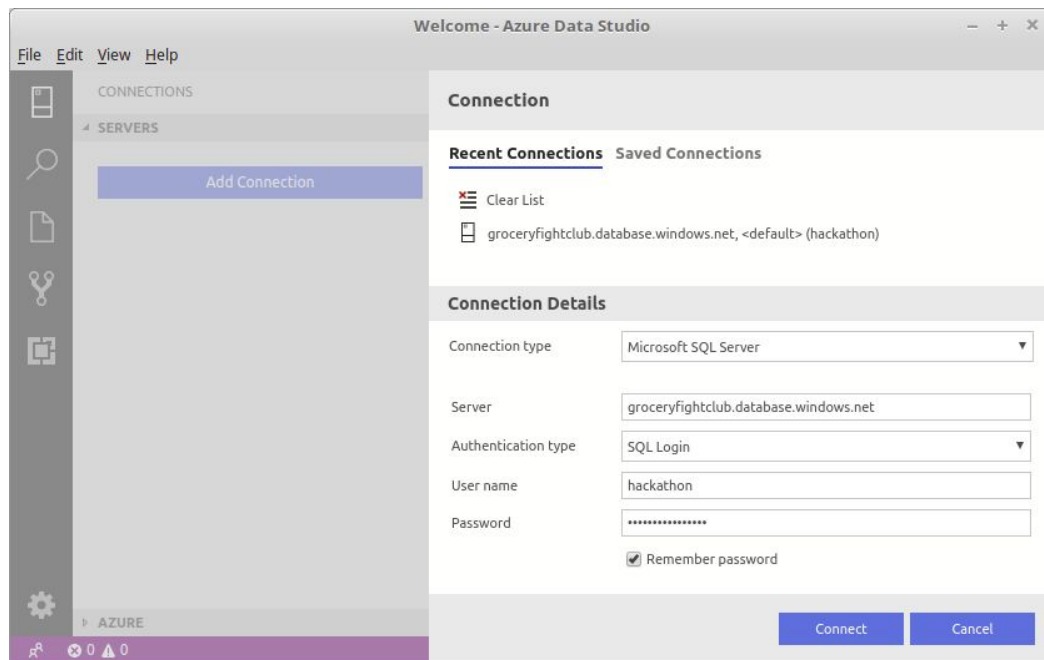# AZURE DATA STUDIO TUTORIAL

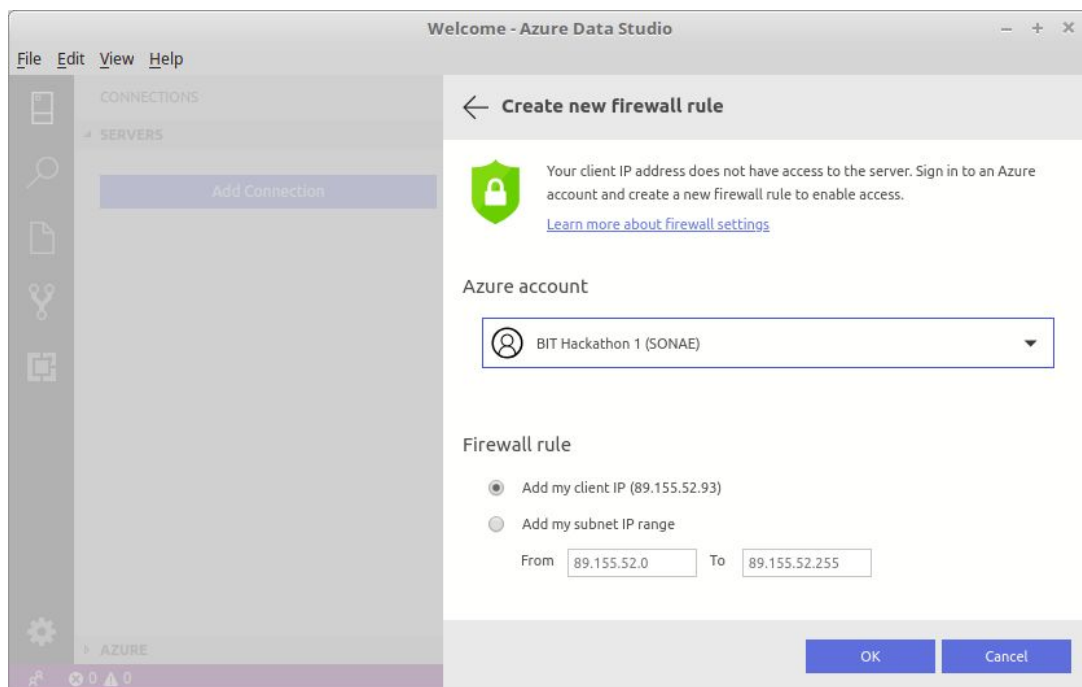1. Download and Install Azure Data Studio (available for Windows, Linux and macOS)
   a. https://docs.microsoft.com/en-us/sql/azure-data-studio/download?view=sql-server-2017
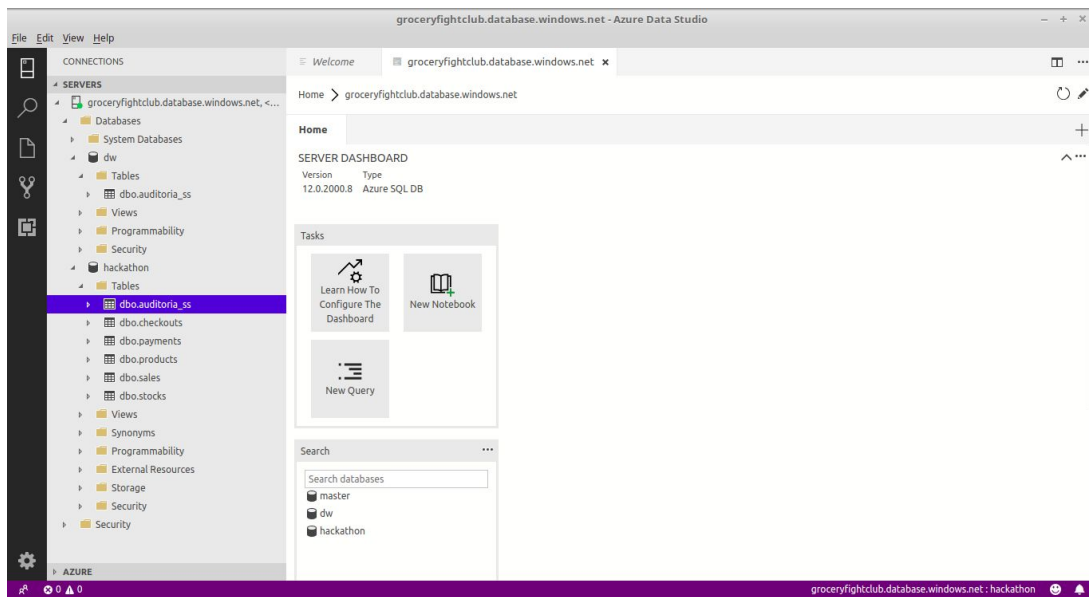
2. Open Azure Data Studio
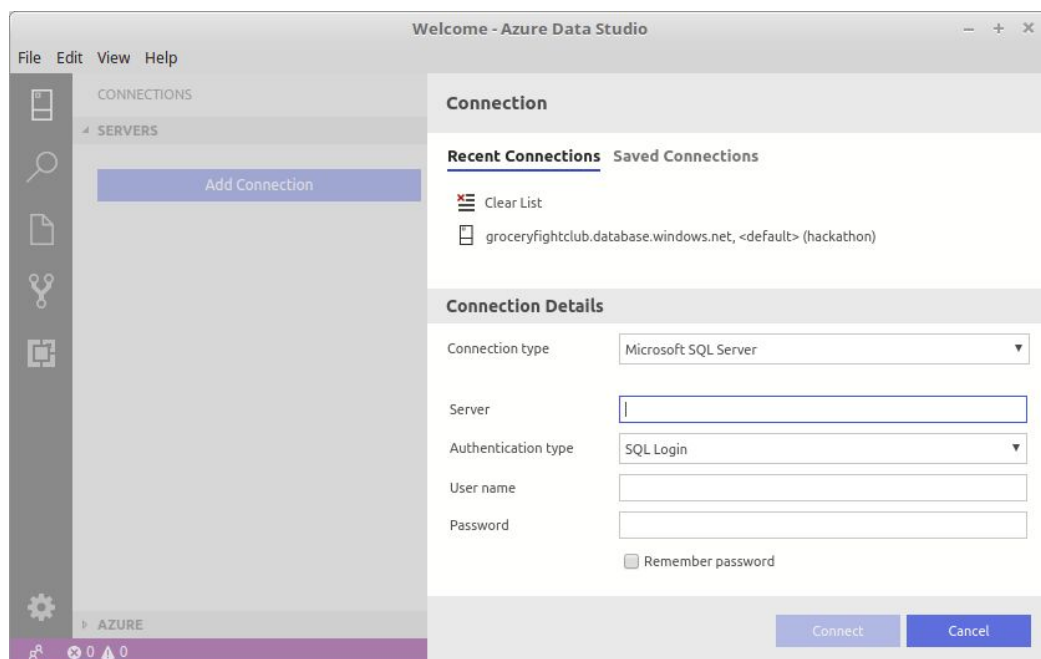
3. Configure Server, Username and Password (provided by the organisers)
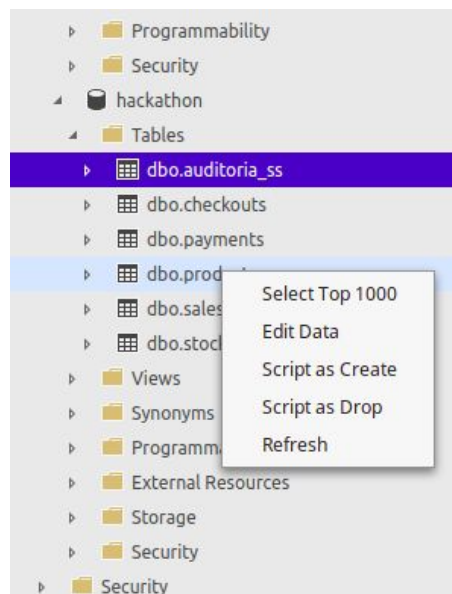

4. Create the Firewall Rule (first login) with the provided email.

5. You are ready to explore the datasets! :)

6. Now you can do a quick test run: Run a query with the top 1000 products.

7. You should see the following result.

8. On the right, you can export the data to multiple formats (CSV, Excel, JSON, XML, Chart)

9. Example 2: Distinct products ordered by quantity.
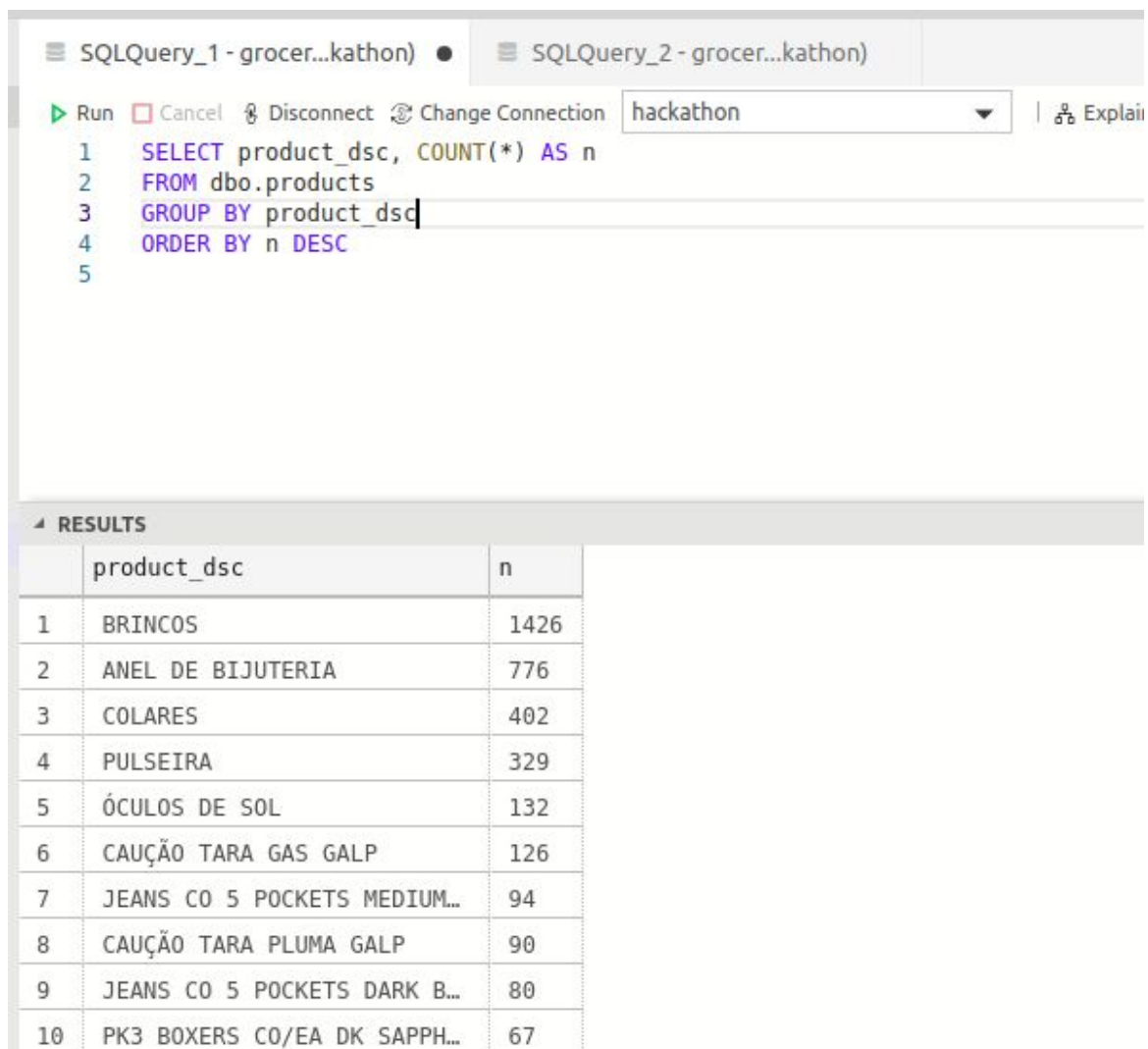
SQLQuery_1 - grocer...kathon) ●   SQLQuery_2 - grocer...kathon)

▷ Run ☐ Cancel ⅛ Disconnect ⅏ Change Connection | hackathon   ▼ | ⅙ Explain

```
1    SELECT product_dsc, COUNT(*) AS n
2    FROM dbo.products
3    GROUP BY product_dsc
4    ORDER BY n DESC
5
```

◢ RESULTS

	product_dsc	n
1	BRINCOS	1426
2	ANEL DE BIJUTERIA	776
3	COLARES	402
4	PULSEIRA	329
5	ÓCULOS DE SOL	132
6	CAUÇÃO TARA GAS GALP	126
7	JEANS CO 5 POCKETS MEDIUM…	94
8	CAUÇÃO TARA PLUMA GALP	90
9	JEANS CO 5 POCKETS DARK B…	80
10	PK3 BOXERS CO/EA DK SAPPH…	67