

## COS80023 Big Data – Lab 2

### Lab 2: Pass Task 2 – Storage

**Student Name: Arun Ragavendhar Arunachalam Palaniyappan**

**Student ID: 104837257**

Lab 2 was about creating an SQL DB, server and tables in the database on Microsoft Azure.

Once the tables were created, a query was run that shows the suppliers and their products (Supplier name, country, product name, unit and price).

The SQL query used:

```
SELECT SupplierName, Country, ProductName, Unit, Price
```

```
FROM Suppliers s JOIN Products p
```

```
ON s.SupplierID = p.SupplierID
```

```
ORDER BY SupplierName ASC;
```

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user's email address (104837257@student.sw...). The main content area displays the 'Query editor (preview)' for the '104837257rdb (104837257server/104837257rdb)' SQL database. The query editor shows the following SQL query:

```
1 SELECT SupplierName, Country, ProductName, Unit, Price
2 FROM Suppliers s JOIN Products p
3 ON s.SupplierID = p.SupplierID
4 ORDER BY SupplierName ASC;
```

The query results are displayed in a table with the following columns: SupplierName, Country, ProductName, Unit, and Price. The results show six rows of data:

SupplierName	Country	ProductName	Unit	Price
Aux joyeux ecclésiastiques	France	Côte de Blaye	12 - 75 cl bottles	264
Aux joyeux ecclésiastiques	France	Chartreuse verte	750 cc per bottle	18
Bigfoot Breweries	USA	Sasquatch Ale	24 - 12 oz bottles	14
Bigfoot Breweries	USA	Steeleye Stout	24 - 12 oz bottles	18
Bigfoot Breweries	USA	Laughing Lumberjack Lager	24 - 12 oz bottles	14

The status bar at the bottom indicates 'Query succeeded | 0s'.