**Aidan Brown**

**GEOG 511 Fall 2023**

# Question 1

SELECT COUNT(ASTERISK) from Orders

830 records

# Question 2

SELECT AVG(UnitPrice) FROM Products

28,8663

# Question 3

SELECT MAX(UnitPrice) FROM Products

263.50

# Question 4

SELECT MAX(UnitPrice \* 1.12) FROM Products

295.120000

# Question 5

SELECT COUNT(\*) FROM Customers

WHERE City = 'London'

6

# Question 6

SELECT SUM(UnitsInStock) FROM Products

WHERE Discontinued = 1

101

# Question 7

SELECT COUNT(\*) FROM Orders WHERE OrderDate = '1998-01-13'

3

# Question 8

SELECT COUNT(\*) FROM Products

WHERE UnitPrice < 10.00

11

# Question 9

SELECT COUNT(\*) FROM Products

WHERE UnitPrice >= 50.00 AND UnitPrice <= 75.00

3

# Question 10

SELECT COUNT(\*) FROM Orders

WHERE ShipCountry = 'Portugal'

13

# Question 11

SELECT AVG(UnitPrice \* 1.12) FROM Products

WHERE Discontinued = 1

52.925600

# Question 12

SELECT HomePhone FROM Employees

WHERE FirstName = 'Robert' AND LastName = 'King'

(71)555-5598

# Question 13

SELECT COUNT(ASTERISK) FROM Products

JOIN Categories ON Products.CategoryID = Categories.CategoryID

WHERE Categories.CategoryName = 'Beverages'

12

# Question 14

SELECT AVG(Products.UnitPrice) FROM Products

JOIN Categories ON Products.CategoryID = Categories.CategoryID

WHERE Categories.CategoryName = 'Beverages'

37.9791

# Question 15

SELECT COUNT(\*) FROM Orders

JOIN Shippers ON Orders.ShipVia = Shippers.ShipperID

WHERE Shippers.CompanyName = 'Speedy Express' 249

# Question 17

SELECT Products.ProductName FROM Products

JOIN Suppliers ON Products.SupplierID = Suppliers.SupplierID

WHERE Suppliers.CompanyName = 'Bigfoot Breweries'

Sasquatch Ale

Steeleye Stout

Laughing Lumberjack Lager

# Question 18

SELECT MIN(Orders.OrderDate) FROM Orders

JOIN [Order Details] ON Orders.OrderID = [Order Details].OrderID

JOIN Products ON [Order Details].ProductID = Products.ProductID

WHERE Products.ProductName = 'Sasquatch Ale'

1996-08-22 00:00:00.000

# Question 19

SELECT COUNTRIES\_2002.Shape.STArea() FROM sde.COUNTRIES\_2002

WHERE sde.COUNTRIES\_2002.CNTRY\_NAME = 'Finland'

335312871766.902

# Question 20

SELECT sde.COUNTRIES\_2002.CNTRY\_NAME FROM sde.COUNTRIES\_2002, sde.CITIES

WHERE sde.CITIES.CITY\_NAME = 'Plzen' AND

Cities.Shape.STIntersects(sde.COUNTRIES\_2002.Shape) = 1

Czech Republic

# Question 21

SELECT COUNT(\*) FROM sde.CITIES

JOIN sde.COUNTRIES\_2002 ON sde.Cities.CITY\_NAME = sde.COUNTRIES\_2002.CNTRY\_NAME

WHERE sde.COUNTRIES\_2002.CNTRY\_NAME = 'Germany'

AND sde.Cities.POP\_CLASS BETWEEN 100000 AND 250000