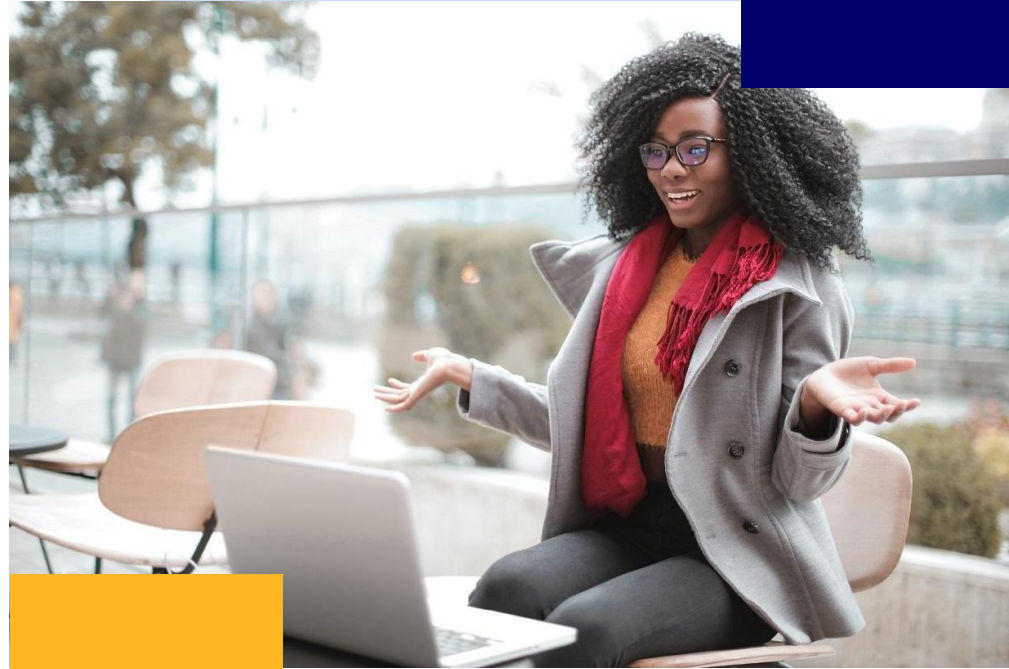


North Wind Traders' Capstone Project





Case Scenario

Analysis and Story Telling

The Northwind Database contains the sales data for a fictitious company called “Northwind Traders,” which imports and exports specialty foods from around the world.

You have been employed as a Data Analyst to help the company answer some key questions to take the business forward.





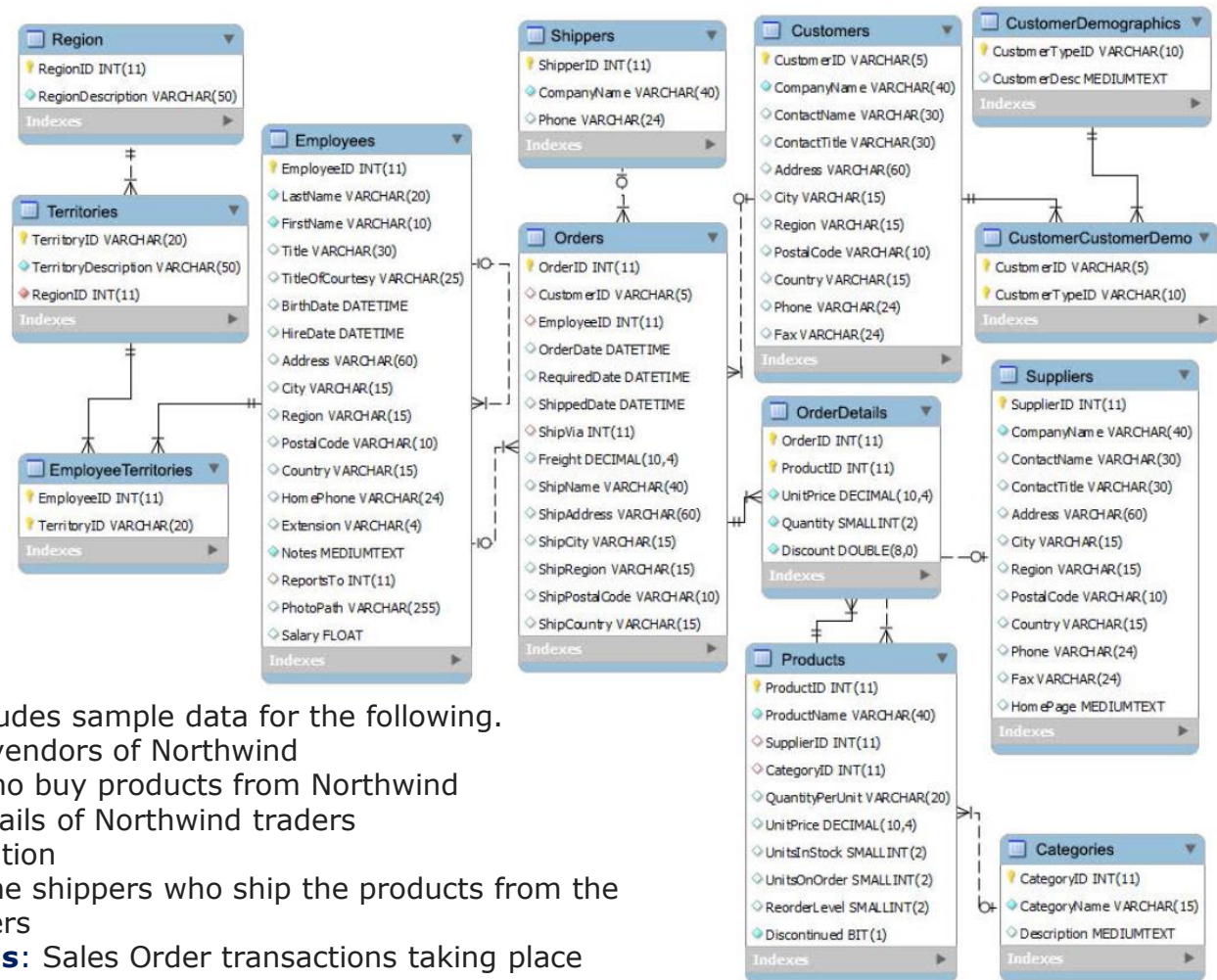
NOTE

Ensure that you identify all the tables that needs to be considered to solve all the questions in this project (Study the Database Schema closely).





Schema



The Northwind dataset includes sample data for the following.

Suppliers: Suppliers and vendors of Northwind

Customers: Customers who buy products from Northwind

Employees: Employee details of Northwind traders

Products: Product information

Shippers: The details of the shippers who ship the products from the traders to the end-customers

Orders and Order_Details: Sales Order transactions taking place between the customers & the company



Case Questions



1. The UK sales team are visiting the Seattle office. Write a SQL statement to display the lastname, firstname, title, country and city of the employees you would now expect to be in Seattle.
2. List the details of all the shippers been used by the company.
3. List the names and prices of the ten cheapest products.
4. List out the countries of Northwind Trader's suppliers are based.
5. Get the total value of those units, for each supplier.
6. Write a SQL query to display the product name and unit price of the top 3 most expensive products.
7. Write a query that displays the full name (i.e. include the title of courtesy, last name and first name), title and hire date of the employee(s) in the employees table with the job title **Sales Representative**. *USE fullname as the alias column name for full name.*





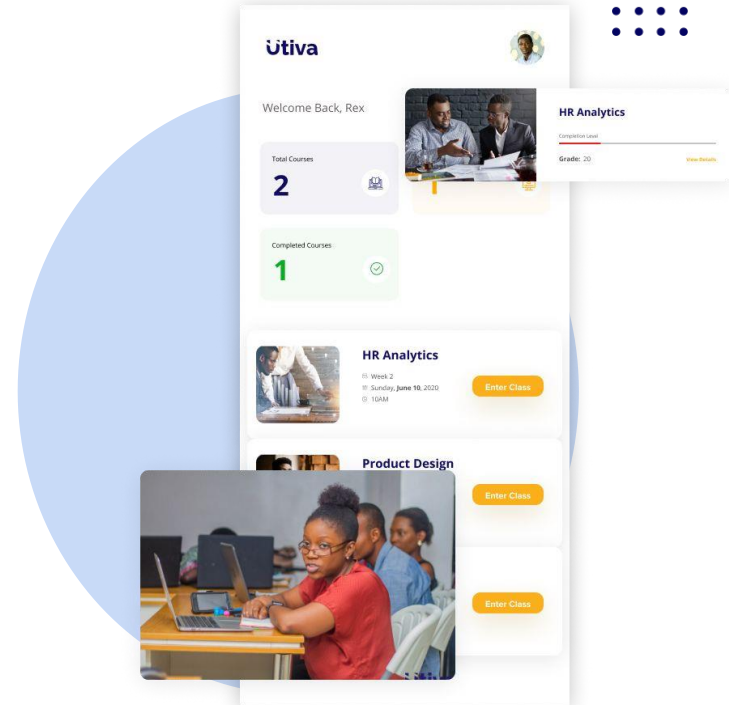
Case Questions

8. The company wants to determine the top 5 ordered products from start of business. Write a SQL statement to display the product name and the product quantity (Use **productquantity** as the column alias).
9. The company wants to determine the bottom 5 ordered products from start of business. Write a SQL statement to display the product name and the product quantity (Use **productquantity** as the column alias).

HINT:

Use the **products**, **order_details** and **orders** tables to derive your answer.

10. How many employees were hired between August 14 1992 and August 4 1993?





Case Questions



11. Write a query to display the productid and productname for each product from the products table with name containing **spread**.

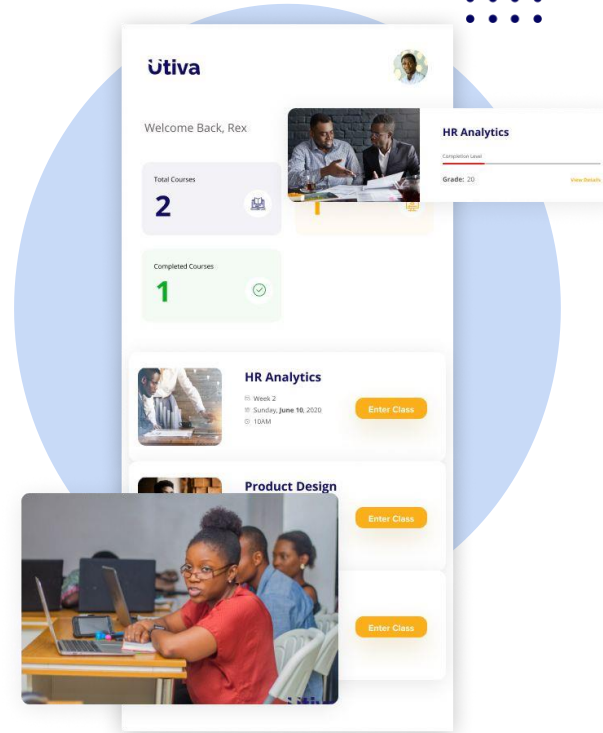
12. What is the total revenue generated based on product ordered between 14/02/1997 and 25/12/1997?

HINT:

Use the `order_details` and `orders` tables to derive your answer and ensure it is in 2 decimal places

13. How many of the products sold are Beverages?

14. What is the count of products that are Confections?





Dataset

Access the dataset [HERE](#)



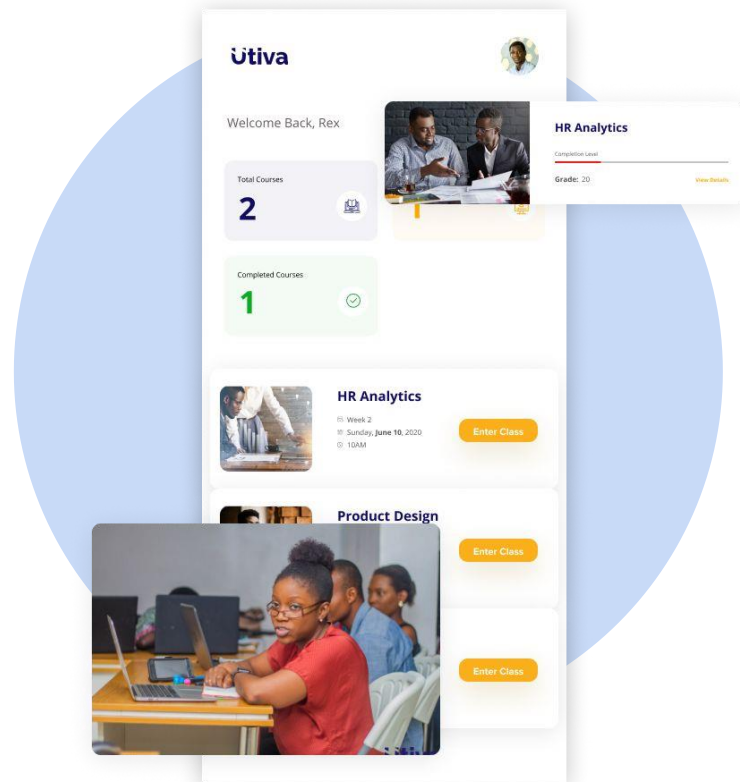
How you will Submit

Please, feel free to include any other analysis that will add more value to your analysis and insights

Submit a pdf report of all your solutions

Take a snapshot of all your queries and input in your submission

All the best!!





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