

# BASIC COMPONENTS OF THE INTERFACE

DataCamp

Course Outline

Instructions

Retrieving Customer Data

150xp

AdventureWorks Cycles sells c to consumers. Each retailer that is an Advent contact for all communication from Adventu works has asked you to generate some reports containing details of the company's customers to support a direct sales campaign.

Instructions

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Familiarize yourself with the Customer table by writing a Transact-SQL query that retrieves all columns for all customers.

Challenges

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</> Show Answer (-50xp)

Incorrect submission

Check your FROM clause!

Feedback

query.sql

1

SELECT \* FROM SalesLT.ProductCategory;

SQL editor where you can write SQL code

Clicking this button will:

- Execute your query

- Check your code for correctness

- Provide feedback in case of an incorrect answer

Note: you do NOT lose XP if you hit Submit Answer.

You can browse the contents of a table by clicking the table name

Submit Answer

query result

ProductModelProductDescription

ProductCategory

ProductDescription

Product

SalesOrderHeader

SalesOrderDetail

ProductCategoryID	ParentProductCategoryID	Name	rowguid	ModifiedDate
1		Bikes	CFBDA25C-DF71-47A7-B81B-64EE161AA37C	1998-06-01 00:00:00
2		Components	C657828D-D808-4ABA-91A3-AF2CE02300E9	1998-06-01 00:00:00
3		Clothing	10A7C342-CA82-48D4-8A38-46A2EB089B74	1998-06-01 00:00:00
4		Accessories	2BE3BE36-D9A2-4EEE-B593-ED895D97C2A6	1998-06-01 00:00:00
5	1	Mountain Bikes	2D364ADE-264A-433C-Bo92-4FCBF3804E01	1998-06-01 00:00:00
6	1	Road Bikes	000310Co-BCC8-42C4-BoC3-45AE611AF06B	1998-06-01 00:00:00
7	1	Touring Bikes	02C5061D-ECDC-4274-B5F1-E91D76BC3F37	1998-06-01 00:00:00
8	2	Handlebars	3EF2C725-7135-4C85-9AE6-AE9A3BDD9283	1998-06-01 00:00:00

Showing 41 out of 41 rows

"Query result" tab shows the result of the SQL code that you submit.



# SIMPLE CODING CHALLENGE

You can earn 100 XP if you finish this type of exercise without using the hint or the solution.

Instructions

## Retrieving Customer Contact Names

100xp

Write a query that returns a list of customer names. The list must consist of a single field in the format `<first name> <last name>` (e.g. Keith Harris) if the middle name is unknown, or `<first name> <middle name> <last name>` (e.g. Jane M. Gates) if a middle name is stored in the database.

Instructions

Retrieve customer contact names with middle names if known.

Take Hint (-30xp)

Write code in the editor to solve the challenge and hit Submit Answer.

If your code is correct, you complete the exercise.

query.sql

```
1 SELECT ____ + ' ' + ____ (____ + ' ', ' ') + ____
2 AS CustomerName
3 FROM SalesLT.Customer;
```

Submit Answer

ProductModelProductDescriptionProductCategoryProductDescriptionProductSalesOrderHeaderSalesOrderDetail

Showing 0 out of 0 rows

If you can't find the correct answer, you can ask for a hint. You lose 30 XP if you do this. If you still can't figure it out, you can ask the solution. You will lose 70 XP if you do this.