



Non Graded Challenge : DDL & DML

FTDS Phase 0 - Week 2

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Non Graded Challenge

Objective

This Non Graded Challenge was created to evaluate the concept of Data Wrangling in SQL with the aim of:

1. Able to perform Data Definition Language (DDL) to create a table based on the information obtained.
2. Able to use the SELECT, FROM, JOIN and GROUP BY keywords to get data from a certain column.

Non Graded Challenge

Task

- You are asked to create a customer and order table as follows "Customers" and "Orders". Determine the right data type to create the two tables. Here are the structures and data for both tables:

customer_id	customer_name	city
1	John Doe	New York
2	Jane Smith	Los Angeles
3	David Johnson	Chicago

order_id	customer_id	order_date	total_amount
1	1	2022-01-10	100.00
2	1	2022-02-15	150.00
3	2	2022-03-20	200.00
4	3	2022-04-25	50.00

- Once you have successfully created both tables, create a query to retrieve the total number of orders made by each customer along with the customer name from the "Customers" and "Orders" tables. Expected Output:

customer_name	total_orders
John Doe	2
Jane Smith	1
David Johnson	1

Non Graded Challenge

Submission

1. Create a file to store your answers.
2. Save this assignment with filename : `h8dsft_ngc_basic_data_wrangling_in_sql.ipynb`.
3. Push your answer into your own GitHub repository.



Thank You