**CRIANDO AS TABELAS DAS BASES DE https://www.kaggle.com/datasets/olistbr/brazilian-ecommerce**

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_CUSTOMERS]

CREATE TABLE TB\_ACT\_OLIST\_CUSTOMERS

(

CUSTOMER\_ID NVARCHAR(150),

CUSTOMER\_UNIQUE\_ID NVARCHAR(150),

CUSTOMER\_ZIP\_CODE\_PREFIX NVARCHAR(15),

CUSTOMER\_CITY NVARCHAR(100),

CUSTOMER\_STATE CHAR(2)

)

INSERT INTO TB\_ACT\_OLIST\_CUSTOMERS

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_CUSTOMERS]

SELECT \* FROM TB\_ACT\_OLIST\_CUSTOMERS

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_GEOLOCATION]

CREATE TABLE TB\_ACT\_OLIST\_GEOLOCATION

(

GEOLOCATION\_ZIP\_CODE\_PREFIX NVARCHAR(15),

GEOLOCATION\_LAT NVARCHAR(70),

GEOLOCATION\_LNG NVARCHAR(70),

GEOLOCATION\_CITY NVARCHAR(100),

GEOLOCATION\_STATE CHAR(2)

)

INSERT INTO TB\_ACT\_OLIST\_GEOLOCATION

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_GEOLOCATION]

SELECT \* FROM TB\_ACT\_OLIST\_GEOLOCATION

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_ORDER\_ITEMS]

CREATE TABLE TB\_ACT\_OLIST\_ORDER\_ITEMS

(

ORDER\_ID NVARCHAR(100),

ORDER\_ITEM\_ID CHAR(3),

PRODUCT\_ID NVARCHAR(100),

SELLER\_ID NVARCHAR(100),

SHIPPING\_LIMIT\_DATE VARCHAR (50),

PRICE FLOAT (15),

FREIGHT\_VALUE FLOAT (10)

)

INSERT INTO TB\_ACT\_OLIST\_ORDER\_ITEMS

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_ORDER\_ITEMS]

SELECT \* FROM TB\_ACT\_OLIST\_ORDER\_ITEMS

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_ORDER\_PAYMENTS]

CREATE TABLE TB\_ACT\_OLIST\_ORDER\_PAYMENTS

(

ORDER\_ID NVARCHAR(100),

PAYMENT\_SEQUENTIAL CHAR(3),

PAYMENT\_TYPE NVARCHAR(30),

PAYMENT\_INSTALLMENTS CHAR(3),

PAYMENT\_VALUE FLOAT (15)

)

INSERT INTO TB\_ACT\_OLIST\_ORDER\_PAYMENTS

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_ORDER\_PAYMENTS]

SELECT \* FROM TB\_ACT\_OLIST\_ORDER\_PAYMENTS

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_ORDERS]

UPDATE [dbo].[TB\_CG\_OLIST\_ORDERS] SET [order\_purchase\_timestamp] = NULL

WHERE [ORDER\_purchase\_timestamp] = ''

UPDATE [dbo].[TB\_CG\_OLIST\_ORDERS] SET [order\_approved\_at] = NULL

WHERE [ORDER\_approved\_at] = ''

UPDATE [dbo].[TB\_CG\_OLIST\_ORDERS] SET [order\_delivered\_carrier\_date] = NULL

WHERE [ORDER\_delivered\_carrier\_date] = ''

UPDATE [dbo].[TB\_CG\_OLIST\_ORDERS] SET [order\_delivered\_customer\_date] = NULL

WHERE [ORDER\_delivered\_customer\_date] = ''

UPDATE [dbo].[TB\_CG\_OLIST\_ORDERS] SET [order\_estimated\_delivery\_date] = NULL

WHERE [ORDER\_estimated\_delivery\_date] = ''

CREATE TABLE TB\_ACT\_OLIST\_ORDERS

(

ORDER\_ID NVARCHAR(100),

CUSTOMER\_ID NVARCHAR(100),

ORDER\_STATUS NVARCHAR(20),

ORDER\_PURCHASE\_TIMESTAMP NVARCHAR (50),

ORDER\_APPROVED\_AT NVARCHAR (50),

ORDER\_DELIVERED\_CARRIER\_DATE NVARCHAR (50),

ORDER\_DELIVERED\_CUSTOMER\_DATE NVARCHAR (50),

ORDER\_ESTIMATED\_DELIVERY\_DATE NVARCHAR (50),

)

INSERT INTO TB\_ACT\_OLIST\_ORDERS

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_ORDERS]

SELECT \* FROM TB\_ACT\_OLIST\_ORDERS

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_PRODUCT\_CATEGORY\_NAME\_TRANSLATION]

CREATE TABLE TB\_ACT\_OLIST\_PRODUCT\_CATEGORY\_NAME\_TRANSLATION

(

PRODUCT\_CATEGORY\_NAME NVARCHAR(100),

PRODUCT\_CATEGORY\_NAME\_ENGLISH NVARCHAR(100)

)

INSERT INTO TB\_ACT\_OLIST\_PRODUCT\_CATEGORY\_NAME\_TRANSLATION

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_PRODUCT\_CATEGORY\_NAME\_TRANSLATION]

SELECT \* FROM TB\_ACT\_OLIST\_PRODUCT\_CATEGORY\_NAME\_TRANSLATION

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_PRODUCTS]

CREATE TABLE TB\_ACT\_OLIST\_PRODUCTS

(

PRODUCT\_ID NVARCHAR(100),

PRODUCT\_CATEGORY\_NAME NVARCHAR(100),

PRODUCT\_CATEGORY\_NAME\_LENGHT NVARCHAR (10),

PRODUCT\_DESCRIPTION\_LENGHT NVARCHAR (10),

PRODUCT\_PHOTOS\_QTY NVARCHAR (10),

PRODUCT\_WEIGHT\_G NVARCHAR (10),

PRODUCT\_LENGHT\_CM NVARCHAR (10),

PRODUCT\_HEIGHT\_CM NVARCHAR (10),

PRODUCT\_WIDTH\_CM NVARCHAR (10)

)

INSERT INTO TB\_ACT\_OLIST\_PRODUCTS

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_PRODUCTS]

SELECT \* FROM TB\_ACT\_OLIST\_PRODUCTS

SELECT TOP 10 \* FROM [dbo].[TB\_CG\_OLIST\_SELLERS]

CREATE TABLE TB\_ACT\_OLIST\_SELLERS

(

SELLER\_ID NVARCHAR(100),

SELLER\_ZIP\_CODE\_PREFIX NVARCHAR(50),

SELLER\_CITY NVARCHAR (50),

SELLER\_STATE CHAR (2)

)

INSERT INTO TB\_ACT\_OLIST\_SELLERS

SELECT \* FROM [dbo] . [TB\_CG\_OLIST\_SELLERS]

SELECT \* FROM TB\_ACT\_OLIST\_SELLERS

**PERGUNTA DO CLIENTE: QUAIS CLIENTES FIZERAM UM PEDIDO E DE QUE CIDADE ELES ERAM?**

CREATE VIEW VW\_PEDIDOS\_POR\_CLIENTE\_E\_SUA\_CIDADE

AS

SELECT O.\*,C.CUSTOMER\_CITY

FROM [dbo].[TB\_ACT\_OLIST\_ORDERS] AS O

INNER JOIN [dbo].[TB\_ACT\_OLIST\_CUSTOMERS] AS C

ON O.CUSTOMER\_ID = C.CUSTOMER\_ID

SELECT \* FROM VW\_PEDIDOS\_POR\_CLIENTE\_E\_SUA\_CIDADE

**PERGUNTA DO CLIENTE: QUERO VER SÓ OS CLIENTES QUE FIZERAM UM PEDIDO E FORAM ENTREGUES:**

ALTER VIEW VW\_PEDIDOS\_POR\_CLIENTE\_ENTREGUES

AS

SELECT O.\*

FROM [dbo].[TB\_ACT\_OLIST\_ORDERS] AS O

INNER JOIN [dbo].[TB\_ACT\_OLIST\_CUSTOMERS] AS C

ON O.CUSTOMER\_ID = C.CUSTOMER\_ID

WHERE ORDER\_STATUS = 'delivered'

SELECT \* FROM VW\_PEDIDOS\_POR\_CLIENTE\_E\_SUA\_CIDADE

**ENTÃO CONSEGUIMOS CRUZAR AS TABELAS E IMPORTAR OS DADOS PARA UMA TABELA DO EXCEL E MOSTRAR DADOS A PARTIR DE UMA TABELA DE UM BANCO DE DADOS.**