

STORE_CODE varchar(255)

PRODUCT_CODE int(11)

DATE date

SALES_VALUE decimal(10,2)

SALES_QTY decimal(10,0)

index

data_store_cad 20

data_store_sales 35239

columns

STORE_CODE int(3)

DATE date

SALES_VALUE double(255,2)

SALES_QTY int(255)

index

IMDB_movies 1000

views

procedures

functions

```
8 def retrieve_data (PRODUCT_CODE, STORE_CODE, DATE): #Criação da função parametrizada
9     Select = "SELECT * " #Conversão dos parâmetros em Strings para criação da Query
10    From = "FROM data.product_sales "
11    Where = "WHERE PRODUCT_CODE = " + str(PRODUCT_CODE) + " AND STORE_CODE = " + str(STORE_CODE)
12    Between = " AND DATE BETWEEN '" + str(DATE[0]) + "' AND '" + str(DATE[1]) + "'"
13    SQLQuery = Select + From + Where + Between #Consolidação da query a ser executada
14    return pd.read_sql_query(SQLQuery, MySQL_conection) #Retorno do resultado da execução da query
15
16 DATES = ['2019-01-01','2019-01-31'] #Criação de datas de exemplo para testar a função retrieve_data
17 my_data = retrieve_data(18, 1, DATES) #Atribuição do resultado da função com os parâmetros de teste
18 print(my_data) #Impressão dos resultados obtidos no teste da função criada
```

PROBLEMAS SAÍDA TERMINAL SQL CONSOLE CONSOLE DE DEBURAÇÃO

	STORE_CODE	PRODUCT_CODE	DATE	SALES_VALUE	SALES_QTY
0	1	18	2019-01-01	788.5	65.0
1	1	18	2019-01-02	1297.1	119.0
2	1	18	2019-01-03	1144.5	105.0
3	1	18	2019-01-04	1090.0	100.0
4	1	18	2019-01-05	893.8	82.0
5	1	18	2019-01-06	741.2	68.0
13	1	18	2019-01-14	697.6	64.0
14	1	18	2019-01-15	763.0	70.0
15	1	18	2019-01-16	1199.0	110.0
16	1	18	2019-01-17	1068.2	98.0
17	1	18	2019-01-18	1057.3	97.0
18	1	18	2019-01-19	795.7	73.0
19	1	18	2019-01-20	697.6	64.0
20	1	18	2019-01-21	675.8	62.0
21	1	18	2019-01-22	806.6	74.0
22	1	18	2019-01-23	1395.2	128.0
23	1	18	2019-01-24	1035.5	95.0
24	1	18	2019-01-25	1057.3	97.0
25	1	18	2019-01-26	850.2	78.0
26	1	18	2019-01-27	763.0	70.0
27	1	18	2019-01-28	788.5	65.0
28	1	18	2019-01-29	730.3	67.0
29	1	18	2019-01-30	1384.3	127.0
30	1	18	2019-01-31	1177.2	108.0

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