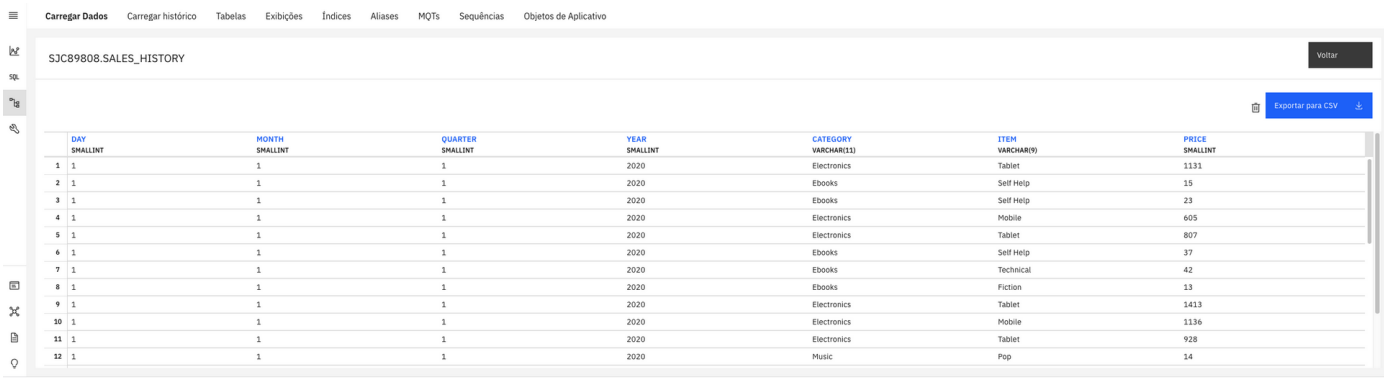
Week4_Implementation

Exercise 1 - Load data into the data warhouse

Task 1 - Import data

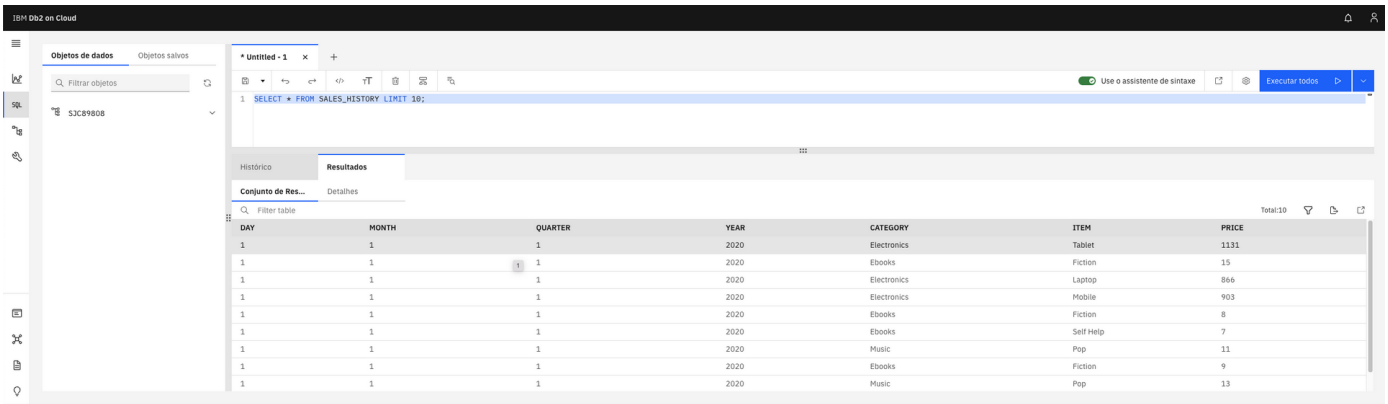
Import data in the file “ecommerce.csv” (You have downloaded this data in exercise 1). into a table named sales_history



	DAY SMALLINT	MONTH SMALLINT	QUARTER SMALLINT	YEAR SMALLINT	CATEGORY VARCHAR(11)	ITEM VARCHAR(9)	PRICE SMALLINT
1	1	1	1	2020	Electronics	Tablet	1131
2	1	1	1	2020	Ebooks	Self Help	15
3	1	1	1	2020	Ebooks	Self Help	23
4	1	1	1	2020	Electronics	Mobile	605
5	1	1	1	2020	Electronics	Tablet	807
6	1	1	1	2020	Ebooks	Self Help	37
7	1	1	1	2020	Ebooks	Technical	42
8	1	1	1	2020	Ebooks	Fiction	13
9	1	1	1	2020	Electronics	Tablet	1413
10	1	1	1	2020	Electronics	Mobile	1136
11	1	1	1	2020	Electronics	Tablet	928
12	1	1	1	2020	Music	Pop	14

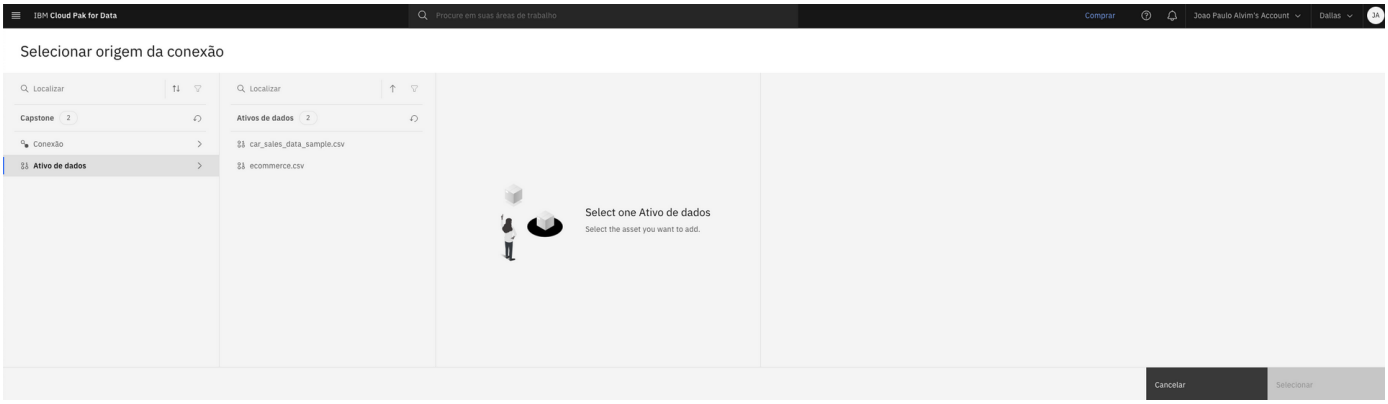
Task 2 - List top 10 rows

List the first 10 rows in the table sales_history



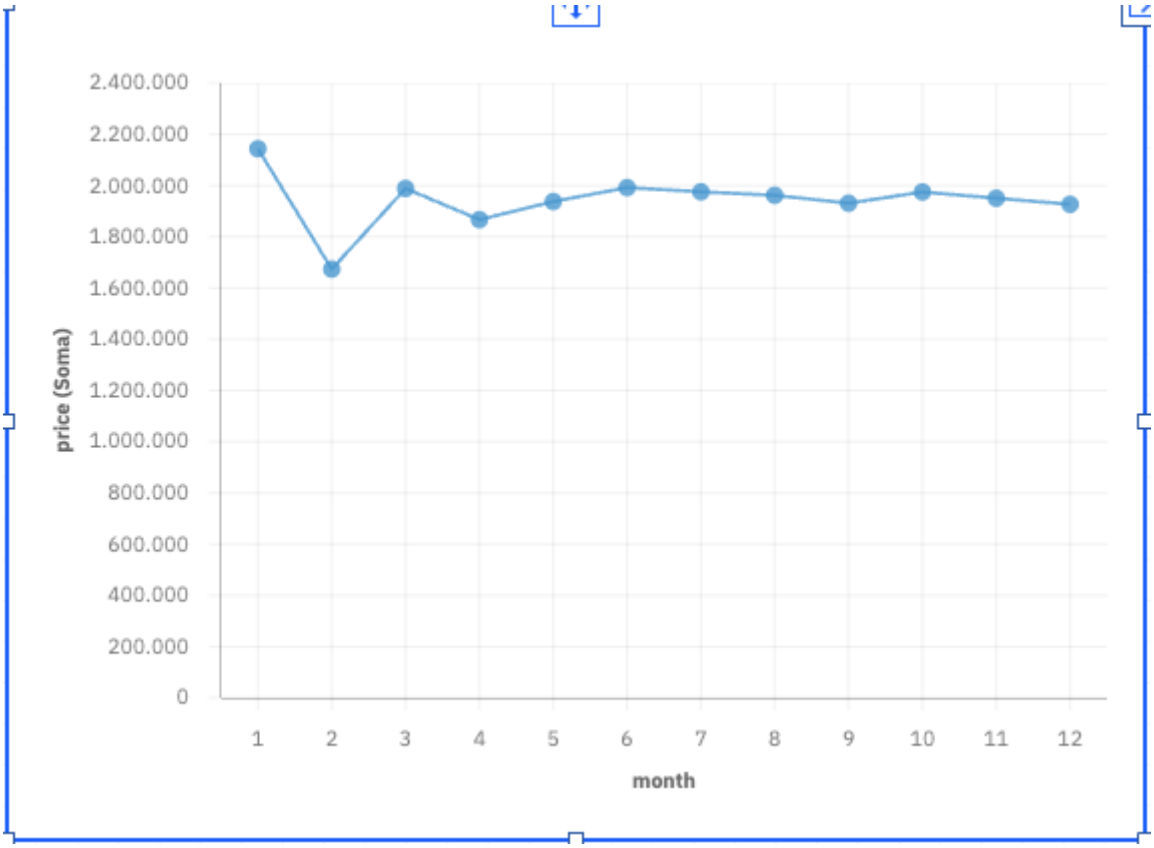
DAY	MONTH	QUARTER	YEAR	CATEGORY	ITEM	PRICE
1	1	1	2020	Electronics	Tablet	1131
1	1	1	2020	Ebooks	Fiction	15
1	1	1	2020	Electronics	Laptop	866
1	1	1	2020	Electronics	Mobile	903
1	1	1	2020	Ebooks	Fiction	8
1	1	1	2020	Ebooks	Self Help	7
1	1	1	2020	Music	Pop	11
1	1	1	2020	Ebooks	Fiction	9
1	1	1	2020	Music	Pop	13

Task 3 - Create a data source in Cognos that points to the table sales_history in your IBM DB2 database.



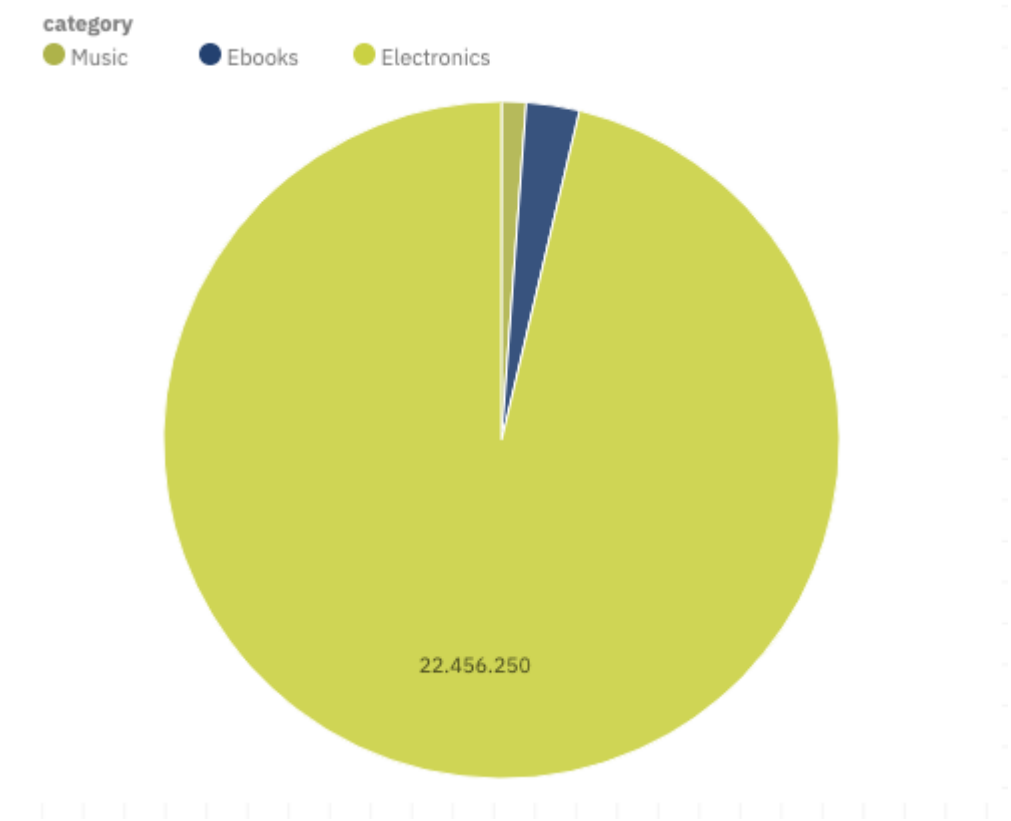
Task 4 - Create a line chart

Create a line chart of month wise total sales for the year 2020.



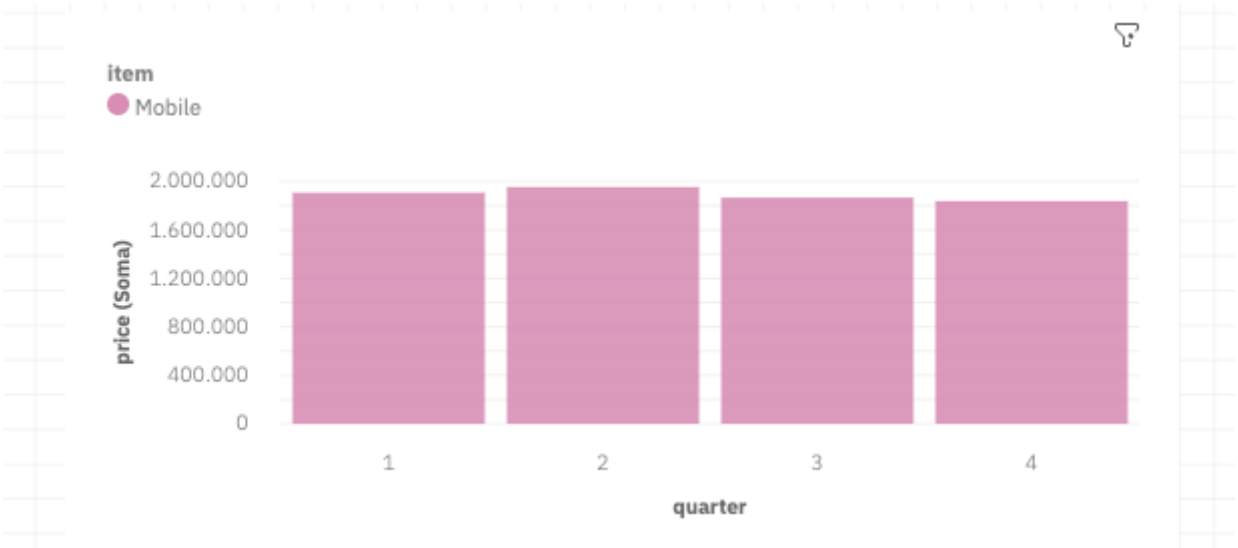
Task 5 - Create a pie chart

Create a pie chart of category wise total sales.



Task 6 - Create a bar chart

Create a bar chart of Quarterly sales of mobile phones


item
Mobile
2.000.000
1.600.000
1.200.000
800.000
400.000
0
price (Soma)
1
2
3
4
quarter