------------------+

| Beverage|

+------------------+

| Cold\_Coffee|

| Cold\_Espresso|

| Cold\_LATTE|

| Cold\_Lite|

| Cold\_MOCHA|

| Cold\_cappuccino|

| Double\_Coffee|

| Double\_Espresso|

| Double\_Lite|

| Double\_MOCHA|

| Double\_cappuccino|

| ICY\_Coffee|

| ICY\_LATTE|

| ICY\_Lite|

| ICY\_MOCHA|

| ICY\_cappuccino|

| LARGE\_Coffee|

| LARGE\_Espresso|

| LARGE\_LATTE|

| LARGE\_Lite|

| LARGE\_MOCHA|

| LARGE\_cappuccino|

Problem Scenario 6

Remove a row from the any Senario.

I removed last row from scenario 3b

| MED\_Coffee|

| MED\_Espresso|

| MED\_Lite|

| MED\_MOCHA|

| MED\_cappuccino|

| Mild\_Coffee|

| Mild\_Espresso|

| Mild\_LATTE|

| Mild\_Lite|

| Mild\_MOCHA|

| Mild\_cappuccino|

| SMALL\_Coffee|

| SMALL\_Espresso|

| SMALL\_LATTE|

| SMALL\_Lite|

| SMALL\_MOCHA|

| SMALL\_cappuccino|

| Special\_Coffee|

| Special\_Espresso|

| Special\_LATTE|

| Special\_Lite|

| Special\_MOCHA|

|Special\_cappuccino|

| Triple\_Coffee|

| Triple\_Espresso|

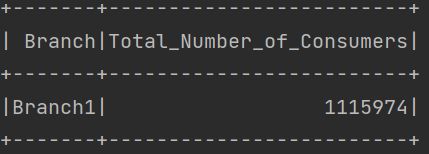
| Triple\_LATTE|

| Triple\_Lite|

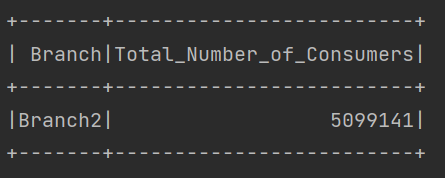
| Triple\_MOCHA|

+------------------+

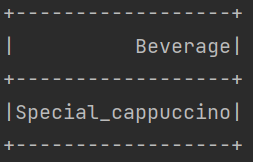
1a: What is the total number of consumers for Branch1?



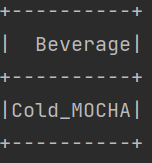
1b: What is the number of consumers for the Branch2?



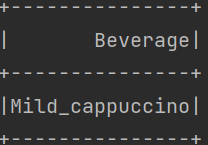
2a: What is the most consumed beverage on Branch1



2b: What is the least consumed beverage on Branch2



2c: What is the Average consumed beverage of Branch2



3a: What are the beverages available on Branch10, Branch8, and Branch1?

+------------------+

| Beverage|

+------------------+

| Cold\_Coffee|

| Cold\_LATTE|

| Cold\_Lite|

| Cold\_cappuccino|

| Double\_Coffee|

| Double\_Espresso|

| Double\_LATTE|

| Double\_MOCHA|

| Double\_cappuccino|

| ICY\_Coffee|

| ICY\_Lite|

| ICY\_cappuccino|

| LARGE\_Coffee|

| LARGE\_Espresso|

| LARGE\_MOCHA|

| LARGE\_cappuccino|

| MED\_Coffee|

| MED\_Espresso|

| MED\_LATTE|

| MED\_MOCHA|

| MED\_cappuccino|

| Mild\_Coffee|

| Mild\_Espresso|

| Mild\_cappuccino|

| SMALL\_Espresso|

| SMALL\_LATTE|

| SMALL\_Lite|

| SMALL\_MOCHA|

| Special\_Espresso|

| Special\_LATTE|

| Special\_Lite|

| Special\_MOCHA|

|Special\_cappuccino|

| Triple\_Coffee|

| Triple\_Espresso|

| Triple\_Lite|

| Triple\_cappuccino|

+------------------+

3b: what are the common beverages available in Branch4,Branch7?

+------------------+

| Beverage|

+------------------+

| Cold\_Coffee|

| Cold\_Espresso|

| Cold\_LATTE|

| Cold\_Lite|

| Cold\_MOCHA|

| Cold\_cappuccino|

| Double\_Coffee|

| Double\_Espresso|

| Double\_Lite|

| Double\_MOCHA|

| Double\_cappuccino|

| ICY\_Coffee|

| ICY\_LATTE|

| ICY\_Lite|

| ICY\_MOCHA|

| ICY\_cappuccino|

| LARGE\_Coffee|

| LARGE\_Espresso|

| LARGE\_LATTE|

| LARGE\_Lite|

| LARGE\_MOCHA|

| LARGE\_cappuccino|

| MED\_Coffee|

| MED\_Espresso|

| MED\_Lite|

| MED\_MOCHA|

| MED\_cappuccino|

| Mild\_Coffee|

| Mild\_Espresso|

| Mild\_LATTE|

| Mild\_Lite|

| Mild\_MOCHA|

| Mild\_cappuccino|

| SMALL\_Coffee|

| SMALL\_Espresso|

| SMALL\_LATTE|

| SMALL\_Lite|

| SMALL\_MOCHA|

| SMALL\_cappuccino|

| Special\_Coffee|

| Special\_Espresso|

| Special\_LATTE|

| Special\_Lite|

| Special\_MOCHA|

|Special\_cappuccino|

| Triple\_Coffee|

| Triple\_Espresso|

| Triple\_LATTE|

| Triple\_Lite|

| Triple\_MOCHA|

| Triple\_cappuccino|

+------------------+

4: create a partition,View for the scenario3.

Partitioned and Bucketed table:

+------------------+-------+-------+

| Beverage|BranchB|BranchA|

+------------------+-------+-------+

| Cold\_Coffee|Branch7|Branch4|

| ICY\_Lite|Branch7|Branch4|

| ICY\_MOCHA|Branch7|Branch4|

| LARGE\_Coffee|Branch7|Branch4|

| LARGE\_MOCHA|Branch7|Branch4|

| Mild\_Espresso|Branch7|Branch4|

| SMALL\_Lite|Branch7|Branch4|

| SMALL\_cappuccino|Branch7|Branch4|

|Special\_cappuccino|Branch7|Branch4|

| Cold\_Espresso|Branch7|Branch4|

| Double\_MOCHA|Branch7|Branch4|

| ICY\_Coffee|Branch7|Branch4|

| ICY\_LATTE|Branch7|Branch4|

| MED\_cappuccino|Branch7|Branch4|

| Mild\_LATTE|Branch7|Branch4|

| SMALL\_Espresso|Branch7|Branch4|

| SMALL\_LATTE|Branch7|Branch4|

| Special\_MOCHA|Branch7|Branch4|

| Triple\_MOCHA|Branch7|Branch4|

| Triple\_cappuccino|Branch7|Branch4|

+------------------+-------+-------+

only showing top 20 rows

View:

+-----------------+-------+-------+

| Beverage|BranchA|BranchB|

+-----------------+-------+-------+

| Cold\_Coffee|Branch4|Branch7|

| Cold\_Espresso|Branch4|Branch7|

| Cold\_LATTE|Branch4|Branch7|

| Cold\_Lite|Branch4|Branch7|

| Cold\_MOCHA|Branch4|Branch7|

| Cold\_cappuccino|Branch4|Branch7|

| Double\_Coffee|Branch4|Branch7|

| Double\_Espresso|Branch4|Branch7|

| Double\_Lite|Branch4|Branch7|

| Double\_MOCHA|Branch4|Branch7|

|Double\_cappuccino|Branch4|Branch7|

| ICY\_Coffee|Branch4|Branch7|

| ICY\_LATTE|Branch4|Branch7|

| ICY\_Lite|Branch4|Branch7|

| ICY\_MOCHA|Branch4|Branch7|

| ICY\_cappuccino|Branch4|Branch7|

| LARGE\_Coffee|Branch4|Branch7|

| LARGE\_Espresso|Branch4|Branch7|

| LARGE\_LATTE|Branch4|Branch7|

| LARGE\_Lite|Branch4|Branch7|

+-----------------+-------+-------+

only showing top 20 rows