```sql
CREATE TABLE online_retail (

    InvoiceNo STRING,

    StockCode STRING,

    Description STRING,

    Quantity INT,

    InvoiceDate STRING,

    UnitPrice FLOAT,

    CustomerID STRING,

    Country STRING

)

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ','

STORED AS TEXTFILE;


-- Load data from local file system

LOAD DATA LOCAL INPATH '/home/cloudera/OnlineRetail.csv' INTO TABLE online_retail;


CREATE INDEX idx_customer

ON TABLE online_retail (CustomerID)

AS 'COMPACT'

WITH DEFERRED REBUILD;


ALTER INDEX idx_customer ON online_retail REBUILD;


-- Total Sales

SELECT SUM(Quantity * UnitPrice) AS Total_Sales

FROM online_retail;


-- Average Sales

SELECT AVG(Quantity * UnitPrice) AS Average_Sales
```

```sql
FROM online_retail;


SELECT InvoiceNo,
    MAX(Quantity * UnitPrice) AS Max_Cost
FROM online_retail
GROUP BY InvoiceNo
ORDER BY Max_Cost DESC
LIMIT 1;


SELECT CustomerID,
    SUM(Quantity * UnitPrice) AS Total_Amount
FROM online_retail
GROUP BY CustomerID
ORDER BY Total_Amount DESC
LIMIT 1;


-- Maximum
SELECT Country, SUM(Quantity * UnitPrice) AS Total_Sale
FROM online_retail
GROUP BY Country
ORDER BY Total_Sale DESC
LIMIT 1;


-- Minimum (excluding zero sale)
SELECT Country, SUM(Quantity * UnitPrice) AS Total_Sale
FROM online_retail
GROUP BY Country
HAVING Total_Sale > 0
ORDER BY Total_Sale ASC
LIMIT 1;
```

```sql
CREATE EXTERNAL TABLE hbase_online_retail (

    key STRING,

    InvoiceNo STRING,

    StockCode STRING,

    Description STRING,

    Quantity INT,

    InvoiceDate STRING,

    UnitPrice FLOAT,

    CustomerID STRING,

    Country STRING

)

STORED BY 'org.apache.hadoop.hive.hbase.HBaseStorageHandler'

WITH SERDEPROPERTIES (

  "hbase.columns.mapping" =
":key,cf:InvoiceNo,cf:StockCode,cf:Description,cf:Quantity,cf:InvoiceDate,cf:UnitPrice,cf:Customer
ID,cf:Country"

)

TBLPROPERTIES (

  "hbase.table.name" = "hbase_online_retail"

);


SELECT * FROM hbase_online_retail LIMIT 10;
```