```
//SQL statements used

CREATE OR REPLACE TABLE EXA_DM.CUSTOMERS_TEST (
CUSTOMER_ID VARCHAR(30) PRIMARY KEY ,
FIRST_NAME VARCHAR(30),
LAST_NAME VARCHAR(30),
AGE INTEGER,
COUNTRY VARCHAR(100)
);

IMPORT INTO EXA_DM.CUSTOMERS_TEST
FROM LOCAL CSV FILE 'C:/Users/anm/Downloads/Customer.csv' skip=1;

CREATE OR REPLACE TABLE EXA_DM.ORDERS_TEST (
ORDER_ID INTEGER PRIMARY KEY ,
ITEM VARCHAR(30),
AMOUNT INTEGER,
CUSTOMER_ID INTEGER);


IMPORT INTO EXA_DM.ORDERS_TEST
FROM LOCAL CSV FILE 'C:/Users/anm/Downloads/Order.csv' skip=1;

CREATE OR REPLACE TABLE EXA_DM.SHIPPING_TEST (
SHIPPING_ID INTEGER PRIMARY KEY ,
STATUS VARCHAR(30),
CUSTOMER_ID INTEGER);

IMPORT INTO EXA_DM.SHIPPING_TEST
FROM LOCAL CSV FILE 'C:/Users/anm/Downloads/Shipping.csv'
SKIP= 1;

SELECT DISTINCT COUNTRY,SUM(AMOUNT)  FROM EXA_DM.CUSTOMERS_TEST C JOIN
EXA_DM.ORDERS_TEST O ON
C.CUSTOMER_ID=O.CUSTOMER_ID   JOIN EXA_DM.SHIPPING_TEST S  ON C.
CUSTOMER_ID=S.CUSTOMER_ID WHERE S.STATUS='Pending' GROUP BY 1;



SELECT DISTINCT FIRST_NAME,LAST_NAME ,ITEM ,COUNT(DISTINCT ORDER_ID) AS
TRANSACTIONS, COUNT(DISTINCT SHIPPING_ID) AS QUANTITY,SUM(AMOUNT) AS
AMOUNT
FROM EXA_DM.CUSTOMERS_TEST C JOIN EXA_DM.ORDERS_TEST O ON
C.CUSTOMER_ID=O.CUSTOMER_ID   JOIN EXA_DM.SHIPPING_TEST S  ON C.
CUSTOMER_ID=S.CUSTOMER_ID
GROUP BY 1,2,3 ORDER BY 3 DESC;

SELECT
      COUNTRY,ITEM,PURCAHSES
FROM
      (
      SELECT
            DISTINCT COUNTRY,
            ITEM ,
            COUNT(DISTINCT ORDER_ID) AS PURCAHSES,
            MAX(COUNT(DISTINCT ORDER_ID))OVER(PARTITION BY COUNTRY) AS
MAX_PURCHASE
      FROM
```

```sql
            EXA_DM.CUSTOMERS_TEST C
      JOIN EXA_DM.ORDERS_TEST O ON
            C.CUSTOMER_ID = O.CUSTOMER_ID
      JOIN EXA_DM.SHIPPING_TEST S ON
            C. CUSTOMER_ID = S.CUSTOMER_ID
      GROUP BY
            1 ,
            2 )
WHERE PURCAHSES=MAX_PURCHASE
;


SELECT
      ITEM,AGE_CATEGORY,PURCAHSES
FROM
      (
      SELECT
            DISTINCT ITEM ,
            CASE WHEN AGE<=30 THEN 'LESS THAN 30'
            WHEN AGE>=30 THEN'GREATER THAN 30' END AS AGE_CATEGORY,
            COUNT(DISTINCT ORDER_ID) AS PURCAHSES,
            MAX(COUNT(DISTINCT ORDER_ID))OVER(PARTITION BY ITEM,CASE WHEN
AGE<=30 THEN 'LESS THAN 30'
            WHEN AGE>=30 THEN'GREATER THAN 30' END) AS MAX_PURCHASE
      FROM
            EXA_DM.CUSTOMERS_TEST C
      JOIN EXA_DM.ORDERS_TEST O ON
            C.CUSTOMER_ID = O.CUSTOMER_ID
      JOIN EXA_DM.SHIPPING_TEST S ON
            C. CUSTOMER_ID = S.CUSTOMER_ID
      GROUP BY
            1 ,2)
WHERE PURCAHSES=MAX_PURCHASE
;


SELECT
      COUNTRY,PURCAHSES,AMT
FROM
      (
      SELECT ROW_NUMBER()OVER (ORDER BY sUM(AMOUNT)  ) AS RN,
             COUNTRY ,
            COUNT(DISTINCT ORDER_ID) AS PURCAHSES,
            MIN(COUNT(DISTINCT ORDER_ID))OVER(PARTITION BY COUNTRY) AS
MIN_PURCHASE,
            sUM(AMOUNT) AS AMT
      FROM
            EXA_DM.CUSTOMERS_TEST C
      JOIN EXA_DM.ORDERS_TEST O ON
            C.CUSTOMER_ID = O.CUSTOMER_ID
      JOIN EXA_DM.SHIPPING_TEST S ON
            C. CUSTOMER_ID = S.CUSTOMER_ID
      GROUP BY
            2
            ORDER BY AMT ASC)
WHERE PURCAHSES=MIN_PURCHASE AND RN=1
;
```