****  
  
**Quality Control Form**

|  |  |
| --- | --- |
| **Team Name** | CROSS\_JOIN |
| **Team Members** | Hansel, Gus, Konrad, Tye, Thomas |
| **Client Name** | Mystic Manuscripts |
| **Date of file received** | 22/09/2025 |
| **Name of file received** | Books Sales Records – V1 |
| **File Format received** | .csv |
| **Size of file (KB) received** | 1569kb |
| **Encoding of the file** | utf-8 |
| **Recorded Number of Columns** | 36 |
| **Recorded Number of Rows** | 3480 |
| **Name of Schema of Destination Table** | **All\_2509** |
| **Name of Destination Table** | **cross\_join** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID of SQL or Checked Rows** | **Description of Check** | **Result in SOURCE** | **Result in DESTINATION** | **OUTCOME** |
| SQL-1 | **Count of rows** | 3480 | 3480 |  |
| SQL-2 | **Count of Distinct Rows** | 3480 | 3480 |  |
| SQL-3 | **Count of Columns** | 36 | 36 |  |
| SQL-4 | **Sum of column Sums** | 11680962.79 | 11680963.46 | -2.83e-10% difference due to rounding errors in different programs |
| SQL-5 | **Sum of Row Sums** | 11680962.79 | 11680963.46 | -2.83e-10% difference due to rounding errors in different programs |
| SQL-6 | **Date format Check** | ID 564     Date 21/4/2018 ID 2516 Date 16/7/2019 ID 1899 Date 19/5/2019 ID 3174 Date 28/9/2019 ID 993     Date 14/7/2018 | ID 564     Date 2018/4/21 ID 2516 Date 2018/7/16 ID 1899 Date 2019/5/2019 ID 3174 Date 2019/9/28 ID 993     Date 2018/7/14 |  |
| SQL-7 | **Eyeball Check** | 1667  2048  2416  434  88 | 1667  2048  2416  434  88 |  |
| SQL-8 | Customer with most total expenditure | Customer ID = B07FWWBYQ  Total spent = 7300 INR | Customer ID = B07FWWBYQ  Total spent = 7300 INR |  |
| SQL-9 | Average profit percentage per sale | 16.66 | 16.66 |  |
| SQL-10 | Count of Nulls | 0 | 0 |  |
| SQL-11 | Number of morning purchases | 1107 | 1107 |  |
| SQL-12 | Numbers of sales per weekday | 3 572 7 525 4 515 1 496 6 467 5 458 2 447 | 3 572 7 525 4 515 1 496 6 467 5 458 2 447 |  |

**For Query 6, Date Type formatting in PostgeSQL for importing and storing is YYYY/MM/DD. Date preferences can change this on inspection.**

**Results in DESTINATION use column names from original source, changes in DESTINATION column names as follows:**

ID -> id

Purchase-date -> purchase\_date

Date -> ddmmyyyy

Time -> time\_of\_purchase

Quarter -> quarter\_of\_purchase

Qtr -> qtr

Year -> year\_purchase

Month -> month\_of\_purchase

Date\_1 -> day\_of\_month

Special Day -> special\_day

Online Sale Offers -> online\_sale\_offers

Day -> day\_of\_week

Weekend -> weekend

Morning -> morning

Afternoon -> afternoon

Evening -> evening

Night -> night

Gender -> isfemale

Customer ID -> customer\_id

Gender F=1665 M=1815 -> gender\_fm

Product-Name -> product\_name

Item-Status -> item\_status

Quantity -> quantity

Currency -> currency

Item Price -> item\_price

Shipping-Price -> shipping\_price

Ship-City -> ship\_city

Ship-State -> ship\_state

Ship-Postal-Code -> ship\_postal\_code

Category -> category

Total\_ amount -> total\_amount

Author -> author

Publication -> publication\_name

Profit Percentage (%) -> profit\_percentage

Profit (INR) -> profit\_inr

Cost Price -> cost\_price

**These changes were made to match the standard formatting typically used in SQLpostgres for best practice.**

**Column Format Discrepancies**

‘Product-Name’/’product\_name’ - No consistent format for titles or capitalisation. Occasional inconsistent use of abbreviations.

‘Ship-City’/’ship\_city’ - Frequent inconsistent capitalisation.

‘Ship-State’/’ship\_state’ - Frequent inconsistent capitalisation.

‘Author’/’author’ - No consistent format for author name, inconsistent capitalisation.

‘Publication’/’publication’ - No consistent format for publication, inconsistent capitalisation.