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**Quality Control Form**

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| --- | --- |
| **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** | 1481390811.79 | 1481390812.46 | -4.5e-10% difference due to rounding errors in different programs |
| SQL-5 | **Sum of Row Sums** | 1481390811.79 | 1481390812.46 | -4.5e-10% difference due to rounding errors in different programs |
| SQL-6 | **Date format Check** | ID 564     Date 4/21/2018 ID 2516 Date 7/16/2019 ID 1899 Date 5/19/2019 ID 3174 Date 9/28/2019 ID 993     Date 7/14/2018 | ID 564     Date 4/21/2018 ID 2516 Date 7/16/2019 ID 1899 Date 5/19/2019 ID 3174 Date 9/28/2019 ID 993     Date 7/14/2018 |  |
| SQL-7 | **Eyeball Check** | ID 1667 Date 4/23/2019 ship\_city: BHATAPARA  ID 2048 Date 5/31/2019 product\_name: Chemistry Textbook Part - 2 for Class - 12 with Free Car Anti Slip Mat  ID 2416 Date 7/10/2019 customer\_id: B07FWVYTY  ID 434 Date 3/28/2018 day of week: 3  ID 88 Date 1/24/2018 quarter: 2018 - Q1 | ID 1667 Date 4/23/2019 ship\_city: BHATAPARA  ID 2048 Date 5/31/2019 product\_name: Chemistry Textbook Part - 2 for Class - 12 with Free Car Anti Slip Mat  ID 2416 Date 7/10/2019 customer\_id: B07FWVYTY  ID 434 Date 3/28/2018 day of week: 3  ID 88 Date 1/24/2018 quarter: 2018 - Q1 |  |
| 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 |  |

**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

Quarter -> quarter

Qtr -> qtr

Year -> year

Month -> month

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

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**

**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.