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**Quality Control Form**

| **Team Name** | The Query Crew |
| --- | --- |
| **Team Members** | Asfandyar, Miles, Divya, Alex |
| **Client Name** | **Mystic Manuscripts** |
| **Date of file received** | 15/01/12 |
| **Name of file received** | Book Sales Records - V2.csv |
| **File Format received** | .csv |
| **Size of file (KB) received** | 951kb |
| **Encoding of the file** | utf-8 |
| **Recorded Number of Columns** | 36 |
| **Recorded Number of Rows** | 3480 |
| **Name of Schema of Destination Table** | **student** |
| **Name of Destination Table** | **ay\_query\_crew\_attempt\_test** |

| **ID of SQL or Checked Rows** | **Description of Check** | **Result in SOURCE** | **Result in DESTINATION** | **OUTCOME** |
| --- | --- | --- | --- | --- |
| QC-1 | **Count of rows** | 3480 | 3480 | PASS |
| QC-2 | **Count of Distinct Rows** | 3480 | 3480 | PASS |
| QC-3 | **Count of Columns** | 36 | 36 | PASS |
| QC-4 | **Sum of Column Sums** | 17737902.8 | 17737902.789999977 | PASS |
| QC-5 | **Sum of Row Sums** | 17737902.8 | 17737902.789999977 | PASS |
| Insert Checked ROW IDS | **Date format Check  (Delete description in final: Manually compare 5 randomly chosen values from Source, check date matches in destination)** | ***Format  ROW ID – Data Example:*** *100 – 13/12/2024 (DD/MM/YYYY)* | Row ID 100 Date 2024-12-13 | PASS |
| QC-DF-1 | **Date format Check-**  **ID:500** | 500 - 4/9/2018 (DD/MM/YYYY) | ROW ID 500  Date  4/9/2018 | PASS |
| QC-DF-2 | **Date format Check-**  **ID:1000** | 1000 - 7/18/2018 | ROW ID 1000  Date  07/18/2018 | PASS |
| QC-DF-3 | **Date format Check-**  **ID:1500** | 1500 - 04/08/2019 | ROW ID 1500  Date  4/8/2019 | PASS |
| QC-DF-4 | **Date format Check-**  **ID:2000** | 2000 -  05/36/2019 | ROW ID 2000  Date  5/26/2019 | PASS |
| QC-DF-5 | **Date format Check-**  **ID:2500** | 2500 - 07/15/2019 | ROW ID 2500  Date  7/15/2019 | PASS |
| Insert Checked ROW IDS | Eyeball Check **(Manually compare 5 randomly chosen rows from Source)** |  |  |  |
| QC-EC-1 | **Eyeball Check-ID:123** |  |  | PASS |
| QC-EC-2 | **Eyeball Check-ID:234** |  |  | PASS |
| QC-EC-3 | **Eyeball Check-ID:1829** |  |  | PASS |
| QC-EC-4 | **Eyeball Check-ID:2222** |  |  | PASS |
| QC-EC-5 | **Eyeball Check-ID:2345** |  |  | PASS |
| Insert SQL Code ID | Count of Nulls - {COLUMN NAME}  Duplicate for each column |  |  |  |
| QC-NC-1 | Count of Nulls - ID | 0 | 0 | PASS |
| QC-NC-2 | Count of Nulls - Purchase-date | 0 | 0 | PASS |
| QC-NC-3 | Count of Nulls - Date | 0 | 0 | PASS |
| QC-NC-4 | Count of Nulls - Time | 0 | 0 | PASS |
| QC-NC-5 | Count of Nulls - Quarter | 0 | 0 | PASS |
| QC-NC-6 | Count of Nulls - Qtr | 0 | 0 | PASS |
| QC-NC-7 | Count of Nulls - Year | 0 | 0 | PASS |
| QC-NC-8 | Count of Nulls - Month | 0 | 0 | PASS |
| QC-NC-9 | Count of Nulls - Date\_1 | 0 | 0 | PASS |
| QC-NC-10 | Count of Nulls - Special Day | 0 | 0 | PASS |
| QC-NC-11 | Count of Nulls - Online Sale Offers | 0 | 0 | PASS |
| QC-NC-12 | Count of Nulls - Day | 0 | 0 | PASS |
| QC-NC-13 | Count of Nulls - Weekend | 0 | 0 | PASS |
| QC-NC-14 | Count of Nulls - Morning | 0 | 0 | PASS |
| QC-NC-15 | Count of Nulls - Afternoon | 0 | 0 | PASS |
| QC-NC-16 | Count of Nulls - Evening | 0 | 0 | PASS |
| QC-NC-17 | Count of Nulls - Night | 0 | 0 | PASS |
| QC-NC-18 | Count of Nulls - Gender | 0 | 0 | PASS |
| QC-NC-19 | Count of Nulls - Customer ID | 0 | 0 | PASS |
| QC-NC-20 | Count of Nulls - Gender F=1665 M=1815 | 0 | 0 | PASS |
| QC-NC-21 | Count of Nulls - Product-Name | 0 | 0 | PASS |
| QC-NC-22 | Count of Nulls - Item-Status | 0 | 0 | PASS |
| QC-NC-23 | Count of Nulls - Quantity | 0 | 0 | PASS |
| QC-NC-24 | Count of Nulls - Currency | 0 | 0 | PASS |
| QC-NC-25 | Count of Nulls - Item Price | 0 | 0 | PASS |
| QC-NC-26 | Count of Nulls - Shipping-Price | 0 | 0 | PASS |
| QC-NC-27 | Count of Nulls - Ship-City | 0 | 0 | PASS |
| QC-NC-28 | Count of Nulls - Ship-State | 0 | 0 | PASS |
| QC-NC-29 | Count of Nulls - Ship-Postal-Code | 0 | 0 | PASS |
| QC-NC-30 | Count of Nulls - Category | 0 | 0 | PASS |
| QC-NC-31 | Count of Nulls - Total\_Amount | 0 | 0 | PASS |
| QC-NC-32 | Count of Nulls - Author | 0 | 0 | PASS |
| QC-NC-33 | Count of Nulls - Publication | 0 | 0 | PASS |
| QC-NC-34 | Count of Nulls - Profit Percentage (%) | 0 | 0 | PASS |
| QC-NC-35 | Count of Nulls - Profit (INR) | 0 | 0 | PASS |
| QC-NC-36 | Count of Nulls - Cost Price | 0 | 0 | PASS |
|  |  |  |  |  |
| Insert SQL Code ID | Sum | Min | Max -  {COLUMN NAME}  Duplicate for each column |  |  |  |
| QC-SMM-1 | Sum | Min | Max -  ID | 6056940,  1,  3480 | 6056940,  1,  3480 | PASS |
| QC-SMM-2 | Sum | Min | Max -  Year | 7024924,  2018,  2019 | 7024924,  2018,  2019 | PASS |
| QC-SMM-3 | Sum | Min | Max -  Month | 20701,  1,  12 | 20701,  1,  12 | PASS |
| QC-SMM-4 | Sum | Min | Max -  Date\_1 | 51551,  1,  31 | 51551,  1,  31 | PASS |
| QC-SMM-5 | Sum | Min | Max -  Special Day | 362,  0,  1 | 362,  0,  1 | PASS |
| QC-SMM-6 | Sum | Min | Max -  Online Sale Offers | 474,  0,  1 | 474, 0, 1 | PASS |
| QC-SMM-7 | Sum | Min | Max -  Day | 13933,  1,  7 | 13933, 1, 7 | PASS |
| QC-SMM-8 | Sum | Min | Max -  Weekend | 344,  0,  1 | 344, 0, 1 | PASS |
| QC-SMM-9 | Sum | Min | Max -  Morning | 1107,  0,  1 | 1107, 0, 1 | PASS |
| QC-SMM-  10 | Sum | Min | Max -  Afternoon | 971,  0,  1 | 971, 0, 1 | PASS |
| QC-SMM-  11 | Sum | Min | Max -  Evening | 611,  0,  1 | 611, 0, 1 | PASS |
| QC-SMM-  12 | Sum | Min | Max -  Night | 789,  0,  1 | 789, 0, 1 | PASS |
| QC-SMM-  13 | Sum | Min | Max -  Gender | 1665,  0,  1 | 1665, 0, 1 | PASS |
| QC-SMM-  14 | Sum | Min | Max -  Quantity | 3655,  1,  10 | 3655, 1, 10 | PASS |
| QC-SMM-  15 | Sum | Min | Max -  Item Price | 1314521,  40,  6450 | 1314521, 40, 6450 | PASS |
| QC-SMM-  16 | Sum | Min | Max -  Shipping-Price | 275019,  0,  850 | 275019, 0, 850 | PASS |
| QC-SMM-  17 | Sum | Min | Max -  Total\_amount | 1589599,  80,  7300 | 1589599, 80, 7300 | PASS |
| QC-SMM-  18 | Sum | Min | Max -  Profit Percentage (%) | 57981,  13,  18 | 57981, 13, 18 | PASS |
| QC-SMM-  19 | Sum | Min | Max -  Cost Price | 1106422.613,  34.8,  5611.5 | 1106422.6127999793, 34.8, 5611.5 | PASS |
| QC-SMM-  20 | Sum | Min | Max -  Profit(INR) | 208139.1772,  5.2,  838.5 | 208139.17719999913, 5.2, 838.5 | PASS |
| QC-SMM-21 | Sum | Min | Max -  Qtr | 8194,  1,  4 | 8194,  1,  4 | PASS |
|  | **ADD ANY ADDITIONAL CHECKS** |  |  |  |