



## Quality Control Form

<b>Team Name</b>	-
<b>Team Members</b>	Sum-Ye Nim
<b>Client Name</b>	Mystic Manuscripts
<b>Date of file received</b>	22/04/2024
<b>Name of file received</b>	Book Sales Records - V1
<b>File Format received</b>	csv
<b>Size of file (KB) received</b>	1570 KB
<b>Encoding of the file</b>	UTF-8
<b>Recorded Number of Columns</b>	36
<b>Recorded Number of Rows</b>	3480
<b>Name of Schema of Destination Table</b>	student
<b>Name of Destination Table</b>	sn_dynamo

ID of SQL or Checked Rows	Description of Check	Result in SOURCE	Result in DESTINATION	OUTCOME
QC01.1	Count of Rows	3480	3480	PASS
QC01.2	Count of Distinct Rows	3480	3480	PASS
QC01.3	Count of Columns	36	36	PASS
QC01.4	Sum of column Sums	4493700.79	4493700.79	PASS
QC01.5	Sum of Row Sums	4493700.79	4493700.79	PASS
QC01.6	Date format Check for 5 randomly-picked row ids: 20, 150, 277, 786, 1453	20: 1/8/2018 150: 2/9/18 277: 3/4/2018 786: 5/16/2018 1453: 4/7/2019 (MM/DD/YYYY)	20: 2018-01-08 150: 2018-02-09 277: 2018-03-04 786: 2018-05-16 1453: 2019-04-07 (YYYY-MM-DD)	
QC01.7	Eyeball Check for 5 randomly picked row ids: 87, 692, 1235, 2333, 3450 (Manually compare 5 randomly chosen rows from Source)	Full match	Full match	PASS
QC02.1	Count of Nulls - id	0	0	PASS
QC02.1	Count of Nulls - purchase_date	0	0	PASS
QC02.1	Count of Nulls - date	0	0	PASS
QC02.1	Count of Nulls - time	0	0	PASS
QC02.1	Count of Nulls - quarter	0	0	PASS
QC02.1	Count of Nulls - qtr	0	0	PASS
QC02.1	Count of Nulls - year	0	0	PASS
QC02.1	Count of Nulls - month	0	0	PASS
QC02.1	Count of Nulls - date_1	0	0	PASS
QC02.1	Count of Nulls - special_day	0	0	PASS
QC02.1	Count of Nulls - online_sale_offers	0	0	PASS
QC02.1	Count of Nulls - day	0	0	PASS
QC02.1	Count of Nulls - weekend	0	0	PASS
QC02.1	Count of Nulls - morning	0	0	PASS

QC02.1	Count of Nulls - afternoon	0	0	PASS
QC02.1	Count of Nulls - evening	0	0	PASS
QC02.1	Count of Nulls - night	0	0	PASS
QC02.1	Count of Nulls - gender	0	0	PASS
QC02.1	Count of Nulls - customer_id	0	0	PASS
QC02.1	Count of Nulls - gender f m	0	0	PASS
QC02.1	Count of Nulls - product_name	0	0	PASS
QC02.1	Count of Nulls - item_status	0	0	PASS
QC02.1	Count of Nulls - quantity	0	0	PASS
QC02.1	Count of Nulls - currency	0	0	PASS
QC02.1	Count of Nulls - item_price	0	0	PASS
QC02.1	Count of Nulls - shipping_price	0	0	PASS
QC02.1	Count of Nulls - ship_city	0	0	PASS
QC02.1	Count of Nulls - ship_state	0	0	PASS
QC02.1	Count of Nulls - ship_postal_code	0	0	PASS
QC02.1	Count of Nulls - category	0	0	PASS
QC02.1	Count of Nulls - total_amount	0	0	PASS
QC02.1	Count of Nulls - author	0	0	PASS
QC02.1	Count of Nulls - publication	0	0	PASS
QC02.1	Count of Nulls - profit_percentage	0	0	PASS
QC02.1	Count of Nulls - profit_inr	0	0	PASS
QC02.1	Count of Nulls - cost_price	0	0	PASS
QC03.1	Sum   Min   Max - id	Min: 1 Max: 3480 Sum: 6,056,940	Min: 1 Max: 3480 Sum: 6,056,940	PASS
QC03.2	Sum   Min   Max - qtr	Min: 1 Max: 4 Sum: 8194	Min: 1 Max: 4 Sum: 8194	PASS

QC03.3	Sum   Min   Max - year	Min: 2018 Max: 2019 Sum: 7,024,924	Min: 2018 Max: 2019 Sum: 7,024,924	PASS
QC03.4	Sum   Min   Max - month	Min: 1 Max: 12 Sum: 20,701	Min: 1 Max: 12 Sum: 20,701	PASS
QC03.5	Sum   Min   Max - date_1	Min: 1 Max: 31 Sum: 51,551	Min: 1 Max: 31 Sum: 51,551	PASS
QC03.6	Sum   Min   Max - special_day	Min: 0 Max: 1 Sum: 362	Min: 0 Max: 1 Sum: 362	PASS
QC03.7	Sum   Min   Max - online_sale_offers	Min: 0 Max: 1 Sum: 474	Min: 0 Max: 1 Sum: 474	PASS
QC03.8	Sum   Min   Max - day	Min: 1 Max: 7 Sum: 13,933	Min: 1 Max: 7 Sum: 13,933	PASS
QC03.9	Sum   Min   Max - weekend	Min: 0 Max: 1 Sum: 344	Min: 0 Max: 1 Sum: 344	PASS
QC03.10	Sum   Min   Max - morning	Min: 0 Max: 1 Sum: 1107	Min: 0 Max: 1 Sum: 1107	PASS
QC03.11	Sum   Min   Max - afternoon	Min: 0 Max: 1 Sum: 971	Min: 0 Max: 1 Sum: 971	PASS
QC03.12	Sum   Min   Max - evening	Min: 0 Max: 1 Sum: 611	Min: 0 Max: 1 Sum: 611	PASS
QC03.13	Sum   Min   Max - night	Min: 0 Max: 1 Sum: 789	Min: 0 Max: 1 Sum: 789	PASS
QC03.14	Sum   Min   Max - gender	Min: 0 Max: 1 Sum: 1665	Min: 0 Max: 1 Sum: 1665	PASS
QC03.15	Sum   Min   Max - quantity	Min: 0 Max: 10 Sum: 3655	Min: 0 Max: 10 Sum: 3655	PASS
QC03.16	Sum   Min   Max - item_price	Min: 40 Max: 6450 Sum: 1,314,521	Min: 40 Max: 6450 Sum: 1,314,521	PASS
QC03.17	Sum   Min   Max - shipping_price	Min: 0 Max: 850 Sum: 275,019	Min: 0 Max: 850 Sum: 275,019	PASS
QC03.18	Sum   Min   Max - total_amount	Min: 80 Max: 7300 Sum: 1,589,599	Min: 80 Max: 7300 Sum: 1,589,599	PASS
QC03.19	Sum   Min   Max - profit_percentage	Min: 13 Max: 18	Min: 13 Max: 18	PASS

		Sum: 57,981	Sum: 57,981	
QC03.20	Sum   Min   Max - profit_inr	Min: 5.2 Max: 838.5 Sum: 208,139.18	Min: 5.2 Max: 838.5 Sum: 208,139.18	PASS
QC03.21	Sum   Min   Max - cost_price	Min: 34.8 Max: 5611.5 Sum: 1,106,422.61	Min: 34.8 Max: 5611.5 Sum: 1,106,422.61	PASS
QC04.1	Check max and min length of string in product_name	Min: 7 Max: 154	Min: 7 Max: 154	PASS
QC04.1	Check max and min length of string in ship_city	Min: 3 Max: 49	Min: 3 Max: 49	PASS
QC04.1	Check max and min length of string in ship_state	Min: 2 Max: 25	Min: 2 Max: 25	PASS
QC04.1	Check max and min length of string in ship_postal_code	Min: 6 Max: 6	Min: 6 Max: 6	PASS
QC04.1	Check max and min length of string in author	Min: 3 Max: 45	Min: 3 Max: 45	PASS
QC04.1	Check max and min length of string in publication	Min: 3 Max: 58	Min: 3 Max: 58	PASS
QC05.1	Check number of decimal places from profit_inr	(Manually compare 5 random numbers in column) Match	(Manually compare 5 random numbers in column) Match	PASS
QC05.2	Check number of decimal places from cost_price	(Manually compare 5 random numbers in column) Match	(Manually compare 5 random numbers in column) Match	PASS
QC06.1	Check subcategories in item_status	Subcategories: Shipped	Subcategories: Shipped	PASS
QC06.2	Check subcategories in categories	Subcategories: School , College , Competition , school	Subcategories: School , College , Competition , school	PASS
QC07.1	Special character check product_name	Match	Match	PASS
QC07.2	Special character check ship_city	Match	Match	PASS
QC07.3	Special character check ship_state	Match	Match	PASS