

Limit to 1000 rows

Jump to

```
1 -- Airbnb Hospitality & Booking Trends
2
3 -- Project Overview -:
4 -- This project focuses strictly on relational logic using JOINs and aggregation functions.
5 -- Subqueries and CTEs are intentionally excluded to strengthen core SQL fundamentals.
6
7 -- Problem Statement -:
8 -- Provide strategic insights into property performance and booking behavior.
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Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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10
11 -- Create the Database
12 • CREATE DATABASE AirbnbHospitalityproject;
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Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	16:59:16	CREATE DATABASE AirbnbHospitalityproject	1 row(s) affected	0.031 sec

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18
19 -- use the database
20 • USE AirbnbHospitalityproject;
21
```

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	16:59:16	CREATE DATABASE AirbnbHospitalityproject	1 row(s) affected	0.031 sec
✓ 2	17:00:12	USE AirbnbHospitalityproject	0 row(s) affected	0.000 sec

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18
19 -- create the table Dim_Customer
20 • CREATE TABLE Dim_Customer(
21 Customer_ID INT PRIMARY KEY,
22 First_Name VARCHAR(50),
23 Last_Name VARCHAR(50),
24 Age_Group INT,
25 Gender VARCHAR(50),
26 Nationality VARCHAR(50),
27 Customer_Segment VARCHAR(50)
28 );
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```

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	16:59:16	CREATE DATABASE AirbnbHospitalityproject	1 row(s) affected	0.031 sec
✓ 2	17:00:12	USE AirbnbHospitalityproject	0 row(s) affected	0.000 sec
✓ 3	17:05:08	CREATE TABLE Dim_Customer(Customer_ID INT PRIMARY KEY, First_Name VARCHAR(50), Last_Name VA...	0 row(s) affected	0.094 sec

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30
31 -- create the table Dim_Date
32 • CREATE TABLE Dim_Date(
33 Date_ID INT PRIMARY KEY,
34 Full_Date DATE,
35 Day INT,
36 Month INT,
37 Quarter INT,
38 Year INT,
39 Weekday_Name VARCHAR(50),
40 Is_Weekend BOOLEAN
41 );
```

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	16:59:16	CREATE DATABASE AirbnbHospitalityproject	1 row(s) affected	0.031 sec
✓ 2	17:00:12	USE AirbnbHospitalityproject	0 row(s) affected	0.000 sec
✓ 3	17:05:08	CREATE TABLE Dim_Customer(Customer_ID INT PRIMARY KEY, First_Name VARCHAR(50), Last_Name VA...	0 row(s) affected	0.094 sec
✓ 4	17:21:19	CREATE TABLE Dim_Date(Date_ID INT PRIMARY KEY, Full_Date DATE, Day INT, Month INT, Quarter INT, ...	0 row(s) affected	0.063 sec

```

43
44 -- create the table Dim_Host
45 CREATE TABLE Dim_Host(
46   Host_ID INT PRIMARY KEY,
47   Host_Name VARCHAR(50),
48   Superhost_Flag BOOLEAN,
49   Total_Listings INT,
50   Host_Since_Year INT,
51   Response_Time VARCHAR(50)
52 );
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Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
4	17:21:19	CREATE TABLE Dim_Date(Date_ID INT PRIMARY KEY, Full_Date DATE, Day INT, Month INT, Quarter INT...	0 row(s) affected	0.063 sec
5	17:26:28	CREATE TABLE Dim_Host(Host_ID INT PRIMARY KEY, Host_Name VARCHAR(50), Superhost_Flag BOOL...	0 row(s) affected	0.015 sec

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54 -- create the table Dim_Property
55 CREATE TABLE Dim_Property(
56   Property_ID INT PRIMARY KEY,
57   Host_ID INT,
58   Property_Type VARCHAR(50),
59   Room_Type VARCHAR(50),
60   Location_City VARCHAR(50),
61   Location_Country VARCHAR(50),
62   No_of_Bedrooms INT,
63   No_of_Bathrooms INT,
64   Amenities VARCHAR(150),
65   Price_per_Night FLOAT
66 );
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Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
5	17:26:28	CREATE TABLE Dim_Host(Host_ID INT PRIMARY KEY, Host_Name VARCHAR(50), Superhost_Flag BOOL...	0 row(s) affected	0.015 sec
6	17:32:18	CREATE TABLE Dim_Property(Property_ID INT PRIMARY KEY, Host_ID INT, Property_Type VARCHAR(50)...	0 row(s) affected	0.031 sec

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68 -- create the table Fact_Bookings
69
70 CREATE TABLE Fact_Bookings(
71   Booking_ID INT PRIMARY KEY,
72   Property_ID INT,
73   Date_ID INT,
74   Customer_ID INT,
75   Host_ID INT,
76   Revenue FLOAT,
77   Nights_Booked INT,
78   Number_of_Guests INT,
79   Cleaning_Fee FLOAT,
80   Service_Fee FLOAT
81 );
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Context Help Snippets

Output

#	Time	Action	Message	Duration / Fetch
6	17:32:18	CREATE TABLE Dim_Property(Property_ID INT PRIMARY KEY, Host_ID INT, Property_Type VARCHAR(50)...	0 row(s) affected	0.031 sec
7	17:36:57	CREATE TABLE Fact_Bookings(Booking_ID INT PRIMARY KEY, Property_ID INT, Date_ID INT, Customer_...	0 row(s) affected	0.016 sec

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-- Insert the value into the table Dim_Customer

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INSERT INTO Dim_Customer VALUES

(0,"Michael","Chapman",18-25,"Other","Guernsey","Budget"),

(1,"Elizabeth","Ball",26-35,"Female","Belarus","Budget"),

(2,"Michael","Woodell",18-25,"Male","Guam","Premier"),

(3,"Christine","Higginson",36-44,"Other","French Southern Territories","Standard"),

(4,"Ashley","Robinson",46-75,"Male","Guinea","Standard"),

(5,"Nelson","Rodriguez",46-75,"Female","Algeria","Premier"),

(6,"Luis","Rogers",18-25,"Male","Colombia","Standard"),

(7,"Frank","Wheeler",46-75,"Male","Micronesia","Standard"),

(8,"Isabelle","Thompson",26-35,"Male","Sierra Leone","Budget"),

(9,"Angela","Hodges",18-25,"Male","Vietnam","Budget"),

(10,"Scott","Williams",26-35,"Female","French Southern Territories","Premier"),

(11,"Janis","Cox",31,"Female","Grenada","Premier"),

(12,"Eric","Castillo",26-35,"Male","Georgia","Budget"),

(13,"Lester","Washington",36-44,"Female","Lithuania","Budget"),

(14,"Aubrey","Robinson",36-44,"Other","Barbados","Premier"),

(15,"Allison","Gonzalez",18-25,"Other","Netherlands Antilles","Premier"),

(16,"Mary","Torres",26-35,"Other","Montenegro","Premier"),

(17,"Joseph","Kort",36-44,"Male","Argentina","Standard"),

(18,"Leah","Cross",26-35,"Male","Hungary","Premier"),

(19,"Natalie","Wall",46-75,"Female","Burkina Faso","Standard"),

(20,"Bernard","Reed",18-25,"Female","Czechia","Budget"),

(21,"Lore","Harris",26-35,"Female","Lithuania","Standard"),

(22,"Cynthia","Gill",26-35,"Female","Taiwan","Budget"),

(23,"Jeremy","Scott",36-44,"Female","Belarus","Standard"),

(24,"Cassandra","Morris",18-25,"Female","Guinea-Bissau","Budget"),

(25,"Justin","Anderson",46-75,"Male","Congo","Standard"),

(26,"Adam","Adams",36-44,"Male","Haiti","Budget"),

(27,"Michelle","Baldwin",46-75,"Male","Haiti","Budget"),

(28,"Antonio","Walker",26-35,"Male","Japan","Premier"),

(29,"Jordan","Stewart",36-44,"Other","South Africa","Budget")

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	17:36:57	CREATE TABLE Fact_Bookings (Booking_ID INT PRIMARY KEY, Property_ID INT, Date_ID INT, Customer_ID I...	0 row(s) affected	0.016 sec
8	17:48:24	INSERT INTO Dim_Customer VALUES (0,"Michael","Chapman",18-25,"Other","Guernsey","Budget"), (1,"Elizab...	31 row(s) affected Records: 31 Duplicates: 0 Warnings: 0	0.047 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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-- Insert the value into the table Dim_Date

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INSERT INTO Dim_Date VALUES

(0,"2020-01-01",1,1,1,2020,"Wednesday",FALSE),

(1,"2020-01-02",2,1,1,2020,"Thursday",FALSE),

(2,"2020-01-03",3,1,1,2020,"Friday",FALSE),

(3,"2020-01-04",4,1,1,2020,"Saturday",TRUE),

(4,"2020-01-05",5,1,1,2020,"Sunday",TRUE),

(5,"2020-01-06",6,1,1,2020,"Monday",FALSE),

(6,"2020-01-07",7,1,1,2020,"Tuesday",FALSE),

(7,"2020-01-08",8,1,1,2020,"Wednesday",FALSE),

(8,"2020-01-09",9,1,1,2020,"Thursday",FALSE),

(9,"2020-01-10",10,1,1,2020,"Friday",FALSE),

(10,"2020-01-11",11,1,1,2020,"Saturday",TRUE),

(11,"2020-01-12",12,1,1,2020,"Sunday",TRUE),

(12,"2020-01-13",13,1,1,2020,"Monday",FALSE),

(13,"2020-01-14",14,1,1,2020,"Tuesday",FALSE),

(14,"2020-01-15",15,1,1,2020,"Wednesday",FALSE),

(15,"2020-01-16",16,1,1,2020,"Thursday",FALSE),

(16,"2020-01-17",17,1,1,2020,"Friday",FALSE),

(17,"2020-01-18",18,1,1,2020,"Saturday",TRUE),

(18,"2020-01-19",19,1,1,2020,"Sunday",TRUE),

(19,"2020-01-20",20,1,1,2020,"Monday",FALSE),

(20,"2020-01-21",21,1,1,2020,"Tuesday",FALSE),

(21,"2020-01-22",22,1,1,2020,"Wednesday",FALSE),

(22,"2020-01-23",23,1,1,2020,"Thursday",FALSE),

(23,"2020-01-24",24,1,1,2020,"Friday",FALSE),

(24,"2020-01-25",25,1,1,2020,"Saturday",TRUE),

(25,"2020-01-26",26,1,1,2020,"Sunday",TRUE),

(26,"2020-01-27",27,1,1,2020,"Monday",FALSE),

(27,"2020-01-28",28,1,1,2020,"Tuesday",FALSE),

(28,"2020-01-29",29,1,1,2020,"Wednesday",FALSE),

(29,"2020-01-30",30,1,1,2020,"Thursday",FALSE),

(30,"2020-01-31",31,1,1,2020,"Friday",FALSE)

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	17:48:24	INSERT INTO Dim_Customer VALUES (0,"Michael","Chapman",18-25,"Other","Guernsey","Budget"), (1,"Elizab...	31 row(s) affected Records: 31 Duplicates: 0 Warnings: 0	0.047 sec
9	17:56:34	INSERT INTO Dim_Date VALUES (0,"2020-01-01",1,1,1,2020,"Wednesday",FALSE), (1,"2020-01-02",2,1,1,20...	31 row(s) affected Records: 31 Duplicates: 0 Warnings: 0	0.016 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

155 -- Insert the value into the table Dim_Host

156 INSERT INTO Dim_Host VALUES

157 (0,"Taylor Anderson",TRUE,12,2021,"within a day"),

158 (1,"Linda Burke",TRUE,12,2024,"within a few hours"),

159 (2,"Allison Bush",TRUE,12,2021,"within a day"),

160 (3,"Niydyl Miller",FALSE,12,2019,"within a day"),

161 (4,"Leath Miller",FALSE,12,2021,"within a day"),

162 (5,"Michael Moran",TRUE,8,2020,"within an hour"),

163 (6,"Alexandra Patton",TRUE,7,2021,"within an hour"),

164 (7,"Brandi Escobar",TRUE,8,2021,"within an hour"),

165 (8,"Tracy Randall",TRUE,7,2024,"within a day"),

166 (9,"Melanie Miller",TRUE,10,2020,"within a few hours"),

167 (10,"Nathan Allen",FALSE,12,2020,"within an hour"),

168 (11,"Frank Spencer",TRUE,11,2019,"within a few hours"),

169 (12,"Mark Ross",TRUE,12,2020,"within a day"),

170 (13,"William Howard",TRUE,12,2014,"within an hour"),

171 (14,"Jesse Garner PhD",FALSE,10,2020,"within an hour"),

172 (15,"Michelle Torres",TRUE,12,2024,"within a day"),

173 (16,"Van Campbell",FALSE,10,2020,"within a day"),

174 (17,"Sean Perry",FALSE,12,2021,"within a few hours"),

175 (18,"Katie Hill",FALSE,12,2017,"within a few hours"),

176 (19,"Michelle Allen",TRUE,10,2021,"within a few hours"),

177 (20,"Kristina Phillips",FALSE,11,2017,"within a few hours"),

178 (21,"Bobby Adams",TRUE,10,2024,"within a few hours"),

179 (22,"Steven Evans",TRUE,10,2022,"within a few hours"),

180 (23,"Angel Woods",TRUE,10,2021,"within an hour"),

181 (24,"Imagined Anderson",TRUE,12,2022,"within an hour"),

182 (25,"Brian Reynolds",TRUE,10,2020,"within an hour"),

183 (26,"Frank Johnston",FALSE,11,2020,"within an hour"),

184 (27,"Brian Sims",TRUE,12,2021,"within a day"),

185 (28,"Richard Brown",FALSE,7,2021,"within an hour"),

186 (29,"Denny Graves",TRUE,10,2021,"within a day"),

187 (30,"Kevin Jordan",TRUE,10,2021,"within an hour")

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Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	17:56:34	INSERT INTO Dim_Date VALUES (0,"2020-01-01",1,1,1,2020,"Wednesday",FALSE), (1,"2020-01-02",2,1,1,2020,"Thursday",FALSE), (2,"2020-01-03",3,1,1,2020,"Friday",FALSE), (3,"2020-01-04",4,1,1,2020,"Saturday",FALSE), (4,"2020-01-05",5,1,1,2020,"Sunday",FALSE), (5,"2020-01-06",6,1,1,2020,"Monday",FALSE), (6,"2020-01-07",7,1,1,2020,"Tuesday",FALSE), (7,"2020-01-08",8,1,1,2020,"Wednesday",FALSE), (8,"2020-01-09",9,1,1,2020,"Thursday",FALSE), (9,"2020-01-10",10,1,1,2020,"Friday",FALSE), (10,"2020-01-11",11,1,1,2020,"Saturday",FALSE), (11,"2020-01-12",12,1,1,2020,"Sunday",FALSE), (12,"2020-01-13",13,1,1,2020,"Monday",FALSE), (13,"2020-01-14",14,1,1,2020,"Tuesday",FALSE), (14,"2020-01-15",15,1,1,2020,"Wednesday",FALSE), (15,"2020-01-16",16,1,1,2020,"Thursday",FALSE), (16,"2020-01-17",17,1,1,2020,"Friday",FALSE), (17,"2020-01-18",18,1,1,2020,"Saturday",FALSE), (18,"2020-01-19",19,1,1,2020,"Sunday",FALSE), (19,"2020-01-20",20,1,1,2020,"Monday",FALSE), (20,"2020-01-21",21,1,1,2020,"Tuesday",FALSE), (21,"2020-01-22",22,1,1,2020,"Wednesday",FALSE), (22,"2020-01-23",23,1,1,2020,"Thursday",FALSE), (23,"2020-01-24",24,1,1,2020,"Friday",FALSE), (24,"2020-01-25",25,1,1,2020,"Saturday",FALSE), (25,"2020-01-26",26,1,1,2020,"Sunday",FALSE), (26,"2020-01-27",27,1,1,2020,"Monday",FALSE), (27,"2020-01-28",28,1,1,2020,"Tuesday",FALSE), (28,"2020-01-29",29,1,1,2020,"Wednesday",FALSE), (29,"2020-01-30",30,1,1,2020,"Thursday",FALSE), (30,"2020-01-31",31,1,1,2020,"Friday",FALSE), (31,"2020-02-01",1,2,1,2020,"Saturday",FALSE), (32,"2020-02-02",2,2,1,2020,"Sunday",FALSE), (33,"2020-02-03",3,2,1,2020,"Monday",FALSE), (34,"2020-02-04",4,2,1,2020,"Tuesday",FALSE), (35,"2020-02-05",5,2,1,2020,"Wednesday",FALSE), (36,"2020-02-06",6,2,1,2020,"Thursday",FALSE), (37,"2020-02-07",7,2,1,2020,"Friday",FALSE), (38,"2020-02-08",8,2,1,2020,"Saturday",FALSE), (39,"2020-02-09",9,2,1,2020,"Sunday",FALSE), (40,"2020-02-10",10,2,1,2020,"Monday",FALSE), (41,"2020-02-11",11,2,1,2020,"Tuesday",FALSE), (42,"2020-02-12",12,2,1,2020,"Wednesday",FALSE), (43,"2020-02-13",13,2,1,2020,"Thursday",FALSE), (44,"2020-02-14",14,2,1,2020,"Friday",FALSE), (45,"2020-02-15",15,2,1,2020,"Saturday",FALSE), (46,"2020-02-16",16,2,1,2020,"Sunday",FALSE), (47,"2020-02-17",17,2,1,2020,"Monday",FALSE), (48,"2020-02-18",18,2,1,2020,"Tuesday",FALSE), (49,"2020-02-19",19,2,1,2020,"Wednesday",FALSE), (50,"2020-02-20",20,2,1,2020,"Thursday",FALSE), (51,"2020-02-21",21,2,1,2020,"Friday",FALSE), (52,"2020-02-22",22,2,1,2020,"Saturday",FALSE), (53,"2020-02-23",23,2,1,2020,"Sunday",FALSE), (54,"2020-02-24",24,2,1,2020,"Monday",FALSE), (55,"2020-02-25",25,2,1,2020,"Tuesday",FALSE), (56,"2020-02-26",26,2,1,2020,"Wednesday",FALSE), (57,"2020-02-27",27,2,1,2020,"Thursday",FALSE), (58,"2020-02-28",28,2,1,2020,"Friday",FALSE), (59,"2020-02-29",29,2,1,2020,"Saturday",FALSE), (60,"2020-03-01",1,3,1,2020,"Sunday",FALSE), (61,"2020-03-02",2,3,1,2020,"Monday",FALSE), (62,"2020-03-03",3,3,1,2020,"Tuesday",FALSE), (63,"2020-03-04",4,3,1,2020,"Wednesday",FALSE), (64,"2020-03-05",5,3,1,2020,"Thursday",FALSE), (65,"2020-03-06",6,3,1,2020,"Friday",FALSE), (66,"2020-03-07",7,3,1,2020,"Saturday",FALSE), (67,"2020-03-08",8,3,1,2020,"Sunday",FALSE), (68,"2020-03-09",9,3,1,2020,"Monday",FALSE), (69,"2020-03-10",10,3,1,2020,"Tuesday",FALSE), (70,"2020-03-11",11,3,1,2020,"Wednesday",FALSE), (71,"2020-03-12",12,3,1,2020,"Thursday",FALSE), (72,"2020-03-13",13,3,1,2020,"Friday",FALSE), (73,"2020-03-14",14,3,1,2020,"Saturday",FALSE), (74,"2020-03-15",15,3,1,2020,"Sunday",FALSE), (75,"2020-03-16",16,3,1,2020,"Monday",FALSE), (76,"2020-03-17",17,3,1,2020,"Tuesday",FALSE), (77,"2020-03-18",18,3,1,2020,"Wednesday",FALSE), (78,"2020-03-19",19,3,1,2020,"Thursday",FALSE), (79,"2020-03-20",20,3,1,2020,"Friday",FALSE), (80,"2020-03-21",21,3,1,2020,"Saturday",FALSE), (81,"2020-03-22",22,3,1,2020,"Sunday",FALSE), (82,"2020-03-23",23,3,1,2020,"Monday",FALSE), (83,"2020-03-24",24,3,1,2020,"Tuesday",FALSE), (84,"2020-03-25",25,3,1,2020,"Wednesday",FALSE), (85,"2020-03-26",26,3,1,2020,"Thursday",FALSE), (86,"2020-03-27",27,3,1,2020,"Friday",FALSE), (87,"2020-03-28",28,3,1,2020,"Saturday",FALSE), (88,"2020-03-29",29,3,1,2020,"Sunday",FALSE), (89,"2020-03-30",30,3,1,2020,"Monday",FALSE), (90,"2020-03-31",31,3,1,2020,"Tuesday",FALSE), (91,"2020-04-01",1,4,1,2020,"Wednesday",FALSE), (92,"2020-04-02",2,4,1,2020,"Thursday",FALSE), (93,"2020-04-03",3,4,1,2020,"Friday",FALSE), (94,"2020-04-04",4,4,1,2020,"Saturday",FALSE), (95,"2020-04-05",5,4,1,2020,"Sunday",FALSE), (96,"2020-04-06",6,4,1,2020,"Monday",FALSE), (97,"2020-04-07",7,4,1,2020,"Tuesday",FALSE), (98,"2020-04-08",8,4,1,2020,"Wednesday",FALSE), (99,"2020-04-09",9,4,1,2020,"Thursday",FALSE), (100,"2020-04-10",10,4,1,2020,"Friday",FALSE), (101,"2020-04-11",11,4,1,2020,"Saturday",FALSE), (102,"2020-04-12",12,4,1,2020,"Sunday",FALSE), (103,"2020-04-13",13,4,1,2020,"Monday",FALSE), (104,"2020-04-14",14,4,1,2020,"Tuesday",FALSE), (105,"2020-04-15",15,4,1,2020,"Wednesday",FALSE), (106,"2020-04-16",16,4,1,2020,"Thursday",FALSE), (107,"2020-04-17",17,4,1,2020,"Friday",FALSE), (108,"2020-04-18",18,4,1,2020,"Saturday",FALSE), (109,"2020-04-19",19,4,1,2020,"Sunday",FALSE), (110,"2020-04-20",20,4,1,2020,"Monday",FALSE), (111,"2020-04-21",21,4,1,2020,"Tuesday",FALSE), (112,"2020-04-22",22,4,1,2020,"Wednesday",FALSE), (113,"2020-04-23",23,4,1,2020,"Thursday",FALSE), (114,"2020-04-24",24,4,1,2020,"Friday",FALSE), (115,"2020-04-25",25,4,1,2020,"Saturday",FALSE), (116,"2020-04-26",26,4,1,2020,"Sunday",FALSE), (117,"2020-04-27",27,4,1,2020,"Monday",FALSE), (118,"2020-04-28",28,4,1,2020,"Tuesday",FALSE), (119,"2020-04-29",29,4,1,2020,"Wednesday",FALSE), (120,"2020-04-30",30,4,1,2020,"Thursday",FALSE), (121,"2020-05-01",1,5,1,2020,"Friday",FALSE), (122,"2020-05-02",2,5,1,2020,"Saturday",FALSE), (123,"2020-05-03",3,5,1,2020,"Sunday",FALSE), (124,"2020-05-04",4,5,1,2020,"Monday",FALSE), (125,"2020-05-05",5,5,1,2020,"Tuesday",FALSE), (126,"2020-05-06",6,5,1,2020,"Wednesday",FALSE), (127,"2020-05-07",7,5,1,2020,"Thursday",FALSE), (128,"2020-05-08",8,5,1,2020,"Friday",FALSE), (129,"2020-05-09",9,5,1,2020,"Saturday",FALSE), (130,"2020-05-10",10,5,1,2020,"Sunday",FALSE), (131,"2020-05-11",11,5,1,2020,"Monday",FALSE), (132,"2020-05-12",12,5,1,2020,"Tuesday",FALSE), (133,"2020-05-13",13,5,1,2020,"Wednesday",FALSE), (134,"2020-05-14",14,5,1,2020,"Thursday",FALSE), (135,"2020-05-15",15,5,1,2020,"Friday",FALSE), (136,"2020-05-16",16,5,1,2020,"Saturday",FALSE), (137,"2020-05-17",17,5,1,2020,"Sunday",FALSE), (138,"2020-05-18",18,5,1,2020,"Monday",FALSE), (139,"2020-05-19",19,5,1,2020,"Tuesday",FALSE), (140,"2020-05-20",20,5,1,2020,"Wednesday",FALSE), (141,"2020-05-21",21,5,1,2020,"Thursday",FALSE), (142,"2020-05-22",22,5,1,2020,"Friday",FALSE), (143,"2020-05-23",23,5,1,2020,"Saturday",FALSE), 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(164,"2020-06-13",13,6,1,2020,"Saturday",FALSE), (165,"2020-06-14",14,6,1,2020,"Sunday",FALSE), (166,"2020-06-15",15,6,1,2020,"Monday",FALSE), (167,"2020-06-16",16,6,1,2020,"Tuesday",FALSE), (168,"2020-06-17",17,6,1,2020,"Wednesday",FALSE), (169,"2020-06-18",18,6,1,2020,"Thursday",FALSE), (170,"2020-06-19",19,6,1,2020,"Friday",FALSE), (171,"2020-06-20",20,6,1,2020,"Saturday",FALSE), (172,"2020-06-21",21,6,1,2020,"Sunday",FALSE), (173,"2020-06-22",22,6,1,2020,"Monday",FALSE), (174,"2020-06-23",23,6,1,2020,"Tuesday",FALSE), (175,"2020-06-24",24,6,1,2020,"Wednesday",FALSE), (176,"2020-06-25",25,6,1,2020,"Thursday",FALSE), (177,"2020-06-26",26,6,1,2020,"Friday",FALSE), (178,"2020-06-27",27,6,1,2020,"Saturday",FALSE), (179,"2020-06-28",28,6,1,2020,"Sunday",FALSE), (180,"2020-06-29",29,6,1,2020,"Monday",FALSE), (181,"2020-06-30",30,6,1,2020,"Tuesday",FALSE), (182,"2020-07-01",1,7,1,2020,"Wednesday",FALSE), (183,"2020-07-02",2,7,1,2020,"Thursday",FALSE), 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224
225 -- Insert the value into the table Fact_Bookings
226 INSERT INTO Fact_Bookings VALUES
227 (0,789,1159,3090,135,3213,39,18,5,190,09,121,4),
228 (1,341,762,2579,75,289,34,19,4,16,20,1,29),
229 (2,394,795,1101,43,2330,46,13,7,139,3,120,6),
230 (3,742,96,139,281,2101,49,2,1,48,42,66,1),
231 (4,454,79,2308,177,2689,33,23,2,117,42,10,6),
232 (5,131,281,3485,268,128,34,4,4,101,52,49,8),
233 (6,389,624,1079,28,1635,26,4,4,17,83,11,4),
234 (7,989,934,2831,11,1642,36,14,4,82,47,29,3),
235 (8,489,1174,1738,45,4831,55,17,9,184,88,189,3),
236 (9,149,1109,1029,263,1488,49,12,5,7,4,83,80),
237 (10,1201,1443,1345,114,1284,89,18,2,109,34,96,1),
238 (11,1282,481,2391,278,986,14,1,1,26,49,37,4),
239 (12,443,213,1392,274,2888,72,19,4,91,58,43,3),
240 (13,1894,1044,2285,42,1897,33,4,8,188,38,16,3),
241 (14,1897,1775,2884,26,1753,21,1,1,26,77,48,4),
242 (15,1122,1212,4898,151,4462,52,4,2,109,11,24,9),
243 (16,1171,1443,1487,188,1079,71,4,2,48,43,24,8),
244 (17,1478,282,1367,251,2877,48,4,7,64,47,121,8),
245 (18,12,748,1107,228,744,81,1,4,113,11,43,7),
246 (19,79,1189,1044,264,46,31,18,4,40,1,14,8),
247 (20,479,133,2332,18,1011,12,4,5,22,44,71,4),
248 (21,117,1208,4484,48,4888,4,19,1,187,43,131,7),
249 (22,427,212,107,289,342,84,11,4,78,77,37,9),
250 (23,443,11,1884,45,4831,55,17,9,184,88,189,3),
251 (24,449,1889,489,49,388,13,16,1,138,48,19,3),
252 (25,981,708,4718,114,214,3,2,1,51,77,188,1),
253 (26,168,1887,112,32,1491,48,12,2,139,14,11,2),
254 (27,417,1173,778,14,1284,13,4,4,4,1,27,49,1),
255 (28,174,76,2101,188,4778,144,1,4,1,51,79,4),
256 (29,1432,247,748,46,1189,86,4,4,87,79,129,4),
257 (30,767,1889,481,46,1882,38,7,9,68,52,42,5),
258
259

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
11	18:17:54	INSERT INTO Dim_Property VALUES (0,81,"House","Private room","Belindahaven","Greece",3.2,"why, good t...	31 row(s) affected Records: 31 Duplicates: 0 Warnings: 0	0.016 sec
12	18:42:59	INSERT INTO Fact_Bookings VALUES (0,789,1159,3090,135,3213,39,18,5,190,09,121,4), (1,341,762,2579,75,...	31 row(s) affected Records: 31 Duplicates: 0 Warnings: 0	0.047 sec

260 -- to check the values from the table Dim_Customer
261 SELECT * FROM Dim_Customer;
262

Result Grid

Customer_ID	First_Name	Last_Name	Age_Group	Gender	Nationality	Customer_Segment
0	Michael	Chapman	-7	Other	Guernsey	Budget
1	Elizabeth	Hardin	-25	Female	Angola	Premium
2	Marc	Ball	-9	Female	Belarus	Budget
3	Michael	Maxwell	-7	Male	Guam	Premium
4	Christina	Figuroa	-14	Other	French Southern Territories	Standard

m_Customer 1 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	18:42:59	INSERT INTO Fact_Bookings VALUES (0,789,1159,3090,135,3213,39,18,5,190,09,121,4), (1,341,762,2579,75,...	31 row(s) affected Records: 31 Duplicates: 0 Warnings: 0	0.047 sec
13	18:45:49	SELECT * FROM Dim_Customer LIMIT 0, 1000	31 row(s) returned	0.047 sec / 0.000 sec

264 -- to check the values from the table Dim_Date
265 SELECT * FROM Dim_Date;
266

Result Grid

Date_ID	Full_Date	Day	Month	Quarter	Year	Weekday_Name	Is_Weekend
0	2020-01-01	1	1	1	2020	Wednesday	0
1	2020-01-02	2	1	1	2020	Thursday	0
2	2020-01-03	3	1	1	2020	Friday	0
3	2020-01-04	4	1	1	2020	Saturday	1
4	2020-01-05	5	1	1	2020	Sunday	1
5	2020-01-06	6	1	1	2020	Monday	0
6	2020-01-07	7	1	1	2020	Tuesday	0

Dim_Date 2 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	18:45:49	SELECT * FROM Dim_Customer LIMIT 0, 1000	31 row(s) returned	0.047 sec / 0.000 sec
14	18:48:54	SELECT * FROM Dim_Date LIMIT 0, 1000	31 row(s) returned	0.031 sec / 0.000 sec

```

266
267 -- to check the values from the table Dim_Host
268 • SELECT * FROM Dim_Host;

```

Host_ID	Host_Name	Superhost_Flag	Total_Listings	Host_Since_Year	Response_Time
0	Taylor Anderson	1	12	2021	within a day
1	Linda Burke	1	12	2014	within a few hours
2	Allison Buck	1	13	2023	within a day
3	Krystal Miles	0	3	2019	within a day
4	Faith Miller	0	16	2021	within a day
5	Michael Duran	1	8	2020	within an hour
6	Alexandra Mathis	1	7	2013	within an hour

Dim_Host 3 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	18:48:54	SELECT * FROM Dim_Date LIMIT 0, 1000	31 row(s) returned	0.031 sec / 0.000 sec
15	18:49:59	SELECT * FROM Dim_Host LIMIT 0, 1000	31 row(s) returned	0.016 sec / 0.000 sec

```

271 -- to check the values from the table Dim_Property
272 • SELECT * FROM Dim_Property;

```

Property_ID	Host_ID	Property_Type	Room_Type	Location_City	Location_Country	No_of_Bedrooms	No_of_Bathrooms	Amenities	Price_per_night
0	81	House	Private room	Belindahaven	Greece	3	2	why, good, tonight, realize, beautiful	880.36
1	243	Villa	Shared room	East Travis	Portugal	2	3	though, while, certainly, it, letter	109.95
2	167	Studio	Entire place	Osbornechester	Papua New Guinea	3	3	buy, name, subject, rock, old	404.32
3	87	Villa	Private room	Sandersmouth	Algeria	5	3	meeting, attack, our, apply, different	702.78
4	176	Apartment	Shared room	East Steven	Sudan	5	2	anything, example, edge, final, how	60.32
5	264	House	Entire place	West Anitaberg	Guam	5	2	general, important, thank, minute, until	542.71
6	95	House	Shared room	Jasonville	Timor-Leste	5	2	light, each, can, evidence, later	934.34
7	61	Studio	Entire place	Lorichester	Cyprus	5	3	memory, page, pattern, political, stay	773.03

Dim_Property 4 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
15	18:49:59	SELECT * FROM Dim_Host LIMIT 0, 1000	31 row(s) returned	0.016 sec / 0.000 sec
16	18:51:47	SELECT * FROM Dim_Property LIMIT 0, 1000	31 row(s) returned	0.000 sec / 0.000 sec

```

274
275 -- to check the values from the table Fact_Bookings
276 • SELECT * FROM Fact_Bookings;
277

```

Booking_ID	Property_ID	Date_ID	Customer_ID	Host_ID	Revenue	Nights_Booked	Number_of_Guests	Cleaning_Fee	Service_Fee
0	789	1159	3090	135	3213.39	18	5	190.09	121.4
1	341	762	2579	75	205.34	19	6	56.29	21.99
2	350	799	1165	43	2130.46	13	7	139.33	120.65
3	742	90	539	283	2581.05	9	1	60.42	56.15
4	674	70	2500	175	3609.21	21	6	119.42	50.01
5	533	283	3405	260	128.34	4	6	101.92	49.87
6	106	624	1679	20	1635.26	4	4	37.03	31.43
7	901	934	2833	33	3642.36	14	2	82.67	29.36
8	400	1174	3738	41	4831.59	17	8	184.08	108.9
9	1431	1185	3226	263	1484.07	13	5	53.4	82.04
10	1293	1443	1345	114	3284.05	18	2	169.34	84.52

Fact_Bookings 5 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
16	18:51:47	SELECT * FROM Dim_Property LIMIT 0, 1000	31 row(s) returned	0.000 sec / 0.000 sec
17	18:52:59	SELECT * FROM Fact_Bookings LIMIT 0, 1000	31 row(s) returned	0.015 sec / 0.000 sec

```

281
282 -- 1. Host Success - Superhosts and total bookings received.
283 • SELECT
284 h.Superhost_Flag,h.Total_Listings
285 FROM Dim_Host AS h;
286

```

Result Grid

Superhost_Flag	Total_Listings
1	12
1	12
1	13
0	3
0	16
1	8
1	7
1	8
1	7
1	9
0	2

Dim_Host 7 x

Output

#	Time	Action	Message	Duration / Fetch
19	19:47:35	SELECT h.Superhost_Flag,h.Total_Listings FROM Dim_Host LIMIT 0, 1000	Error Code: 1054. Unknown column 'h.Superhost_Flag' in 'field list'	0.000 sec
20	19:47:57	SELECT h.Superhost_Flag,h.Total_Listings FROM Dim_Host AS h LIMIT 0, 1000	31 row(s) returned	0.000 sec / 0.000 sec

```

288
289 -- 2. Property Revenue - Revenue by property type.
290 • SELECT
291 p.Property_Type,
292 SUM(f.Revenue * f.Cleaning_Fee * f.Service_Fee ) AS Total_Revenue
293 FROM Dim_Property AS P
294 JOIN Fact_Bookings AS f ON p.property_id = f.property_id
295 GROUP BY p.Property_Type
296 ORDER BY Total_Revenue DESC;

```

Result Grid

Property_Type	Total_Revenue
---------------	---------------

Result 12 x

Output

#	Time	Action	Message	Duration / Fetch
26	21:56:14	SELECT * FROM Fact_Bookings LIMIT 0, 1000	31 row(s) returned	0.016 sec / 0.000 sec
27	21:56:39	SELECT p.Property_Type, SUM(f.Revenue * f.Cleaning_Fee * f.Service_Fee) AS Total_Revenue F...	0 row(s) returned	0.016 sec / 0.000 sec

```

299
300 -- 4. Booking Origins - Total bookings by nationality.
301 • SELECT
302 c.Nationality,
303 COUNT(f.Booking_Id) AS Total_Booking
304 FROM Dim_Customer AS c
305 JOIN Fact_Bookings AS f ON c.Customer_id = f.Customer_id
306 GROUP BY c.Nationality
307 ORDER BY Total_Booking DESC;
308

```

Result Grid

Nationality	Total_Booking
Grenada	1

Result 17 x

Output

#	Time	Action	Message	Duration / Fetch
33	22:19:12	SELECT * FROM Fact_Bookings LIMIT 0, 1000	31 row(s) returned	0.000 sec / 0.000 sec
34	22:24:07	SELECT c.Nationality, COUNT(f.Booking_Id) AS Total_Booking FROM Dim_Customer AS c JOIN Fact_Boo...	1 row(s) returned	0.000 sec / 0.000 sec

```
309
310
311 -- 5. Rating Analysis - Properties with average rating above 4.5.
312 • SELECT
313 COUNT(p.Property_Type) AS Total_Rating,
314 h.Response_Time
315 FROM Dim_Host AS h
316 JOIN Dim_Property AS p ON h.Host_id = p.Host_id
317 GROUP BY h.Response_Time
318 ORDER BY Total_Rating DESC;
319
320
321
322
```

toggle automatic help.

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	Total_Rating	Response_Time
1		within a day



Result 20 x

Read Only [Context Help](#) [Snippets](#)

Output

Action Output

#	Time	Action	Message	Duration / Fetch
41	22:37:13	SELECT COUNT(p.Property_Type) AS Total_Rating,h.Response_Time FROM Dim_Host AS h JOIN Dim_P...	1 row(s) returned	0.000 sec / 0.000 sec
42	22:37:22	SELECT COUNT(p.Property_Type) AS Total_Rating,h.Response_Time FROM Dim_Host AS h JOIN Dim_P...	1 row(s) returned	0.015 sec / 0.000 sec