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# CASE 1

A new table 'staff\_ details' is needed as staffs can be added easily as well as when a staff go deleted constraint checks can be done before removing the staff

The staff\_ details table can be extended, if more staff information like id, address or payroll information has to be stored.

The primary benefit of constructing a mapping or reference table is that it allows us to extend, modify, and edit certain elements of a table.

Otherwise, gathering information from the staff table and making necessary changes will be very challenging.

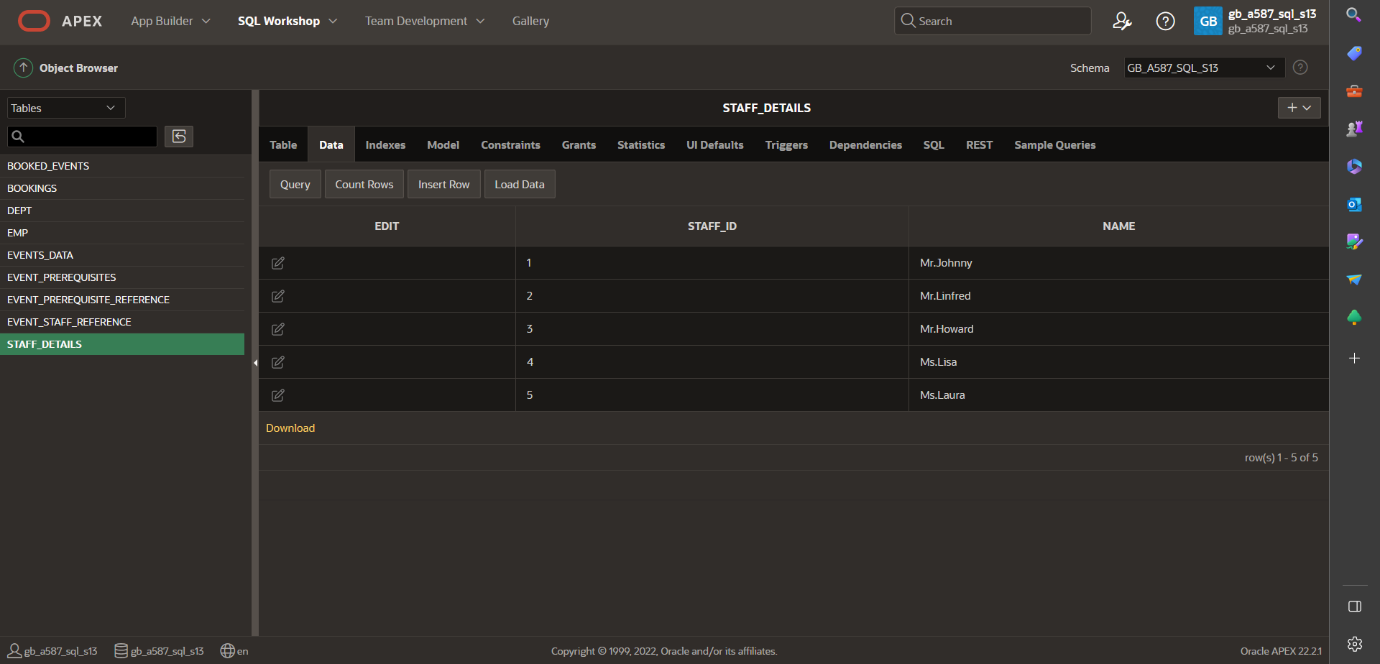


Table 1.1 STAFF\_DETAILS

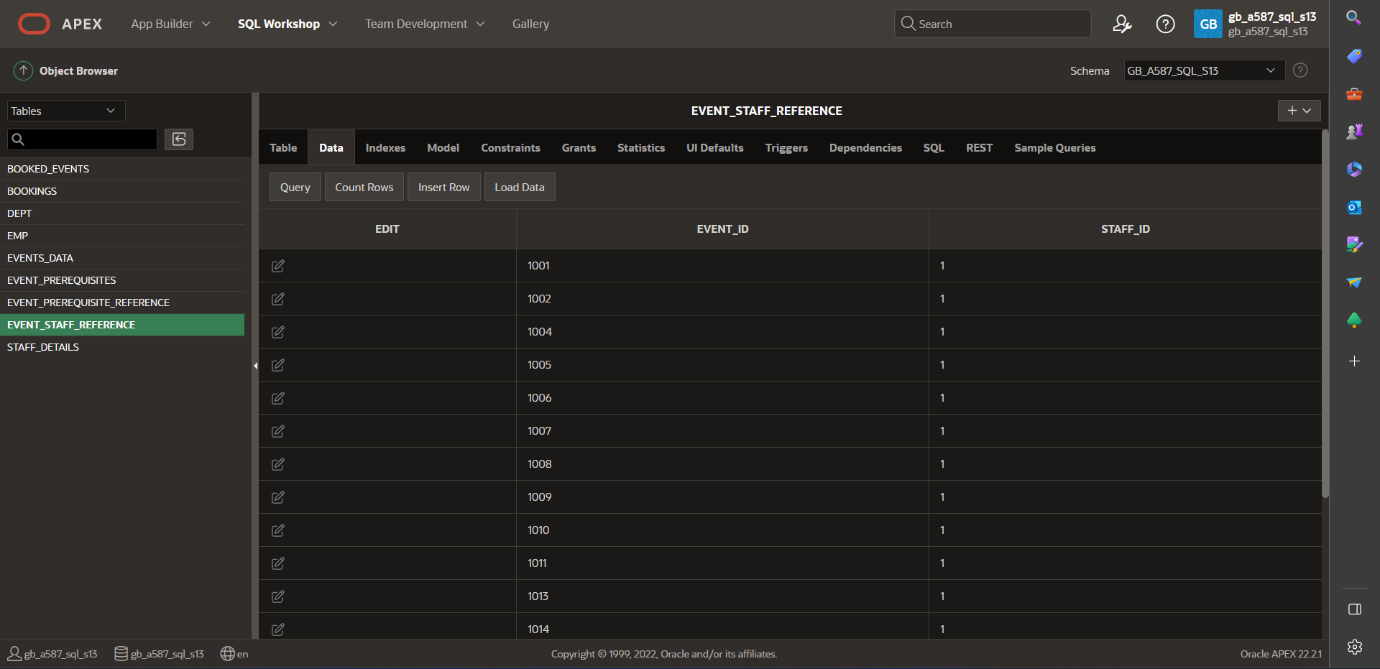


Table 1.2 EVENT\_STAFF\_REFERENCE

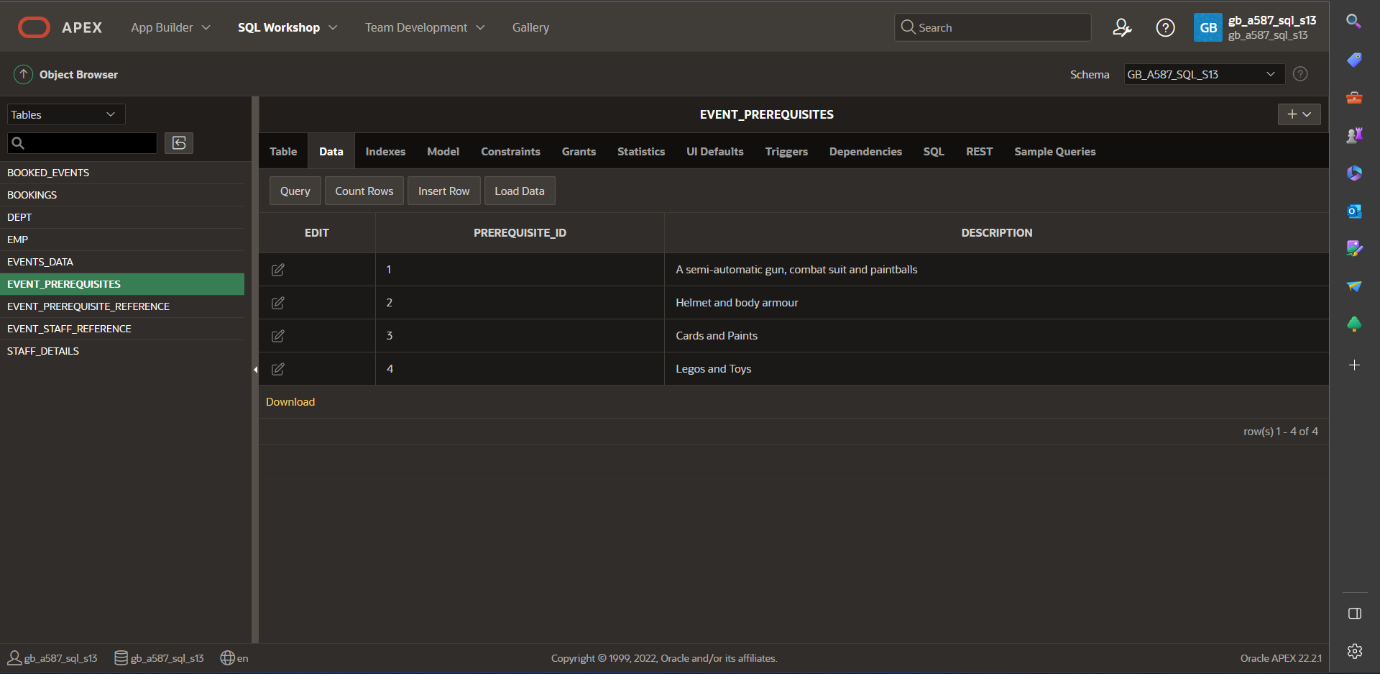


Table 1.3 EVENT\_PREREQUISITIES

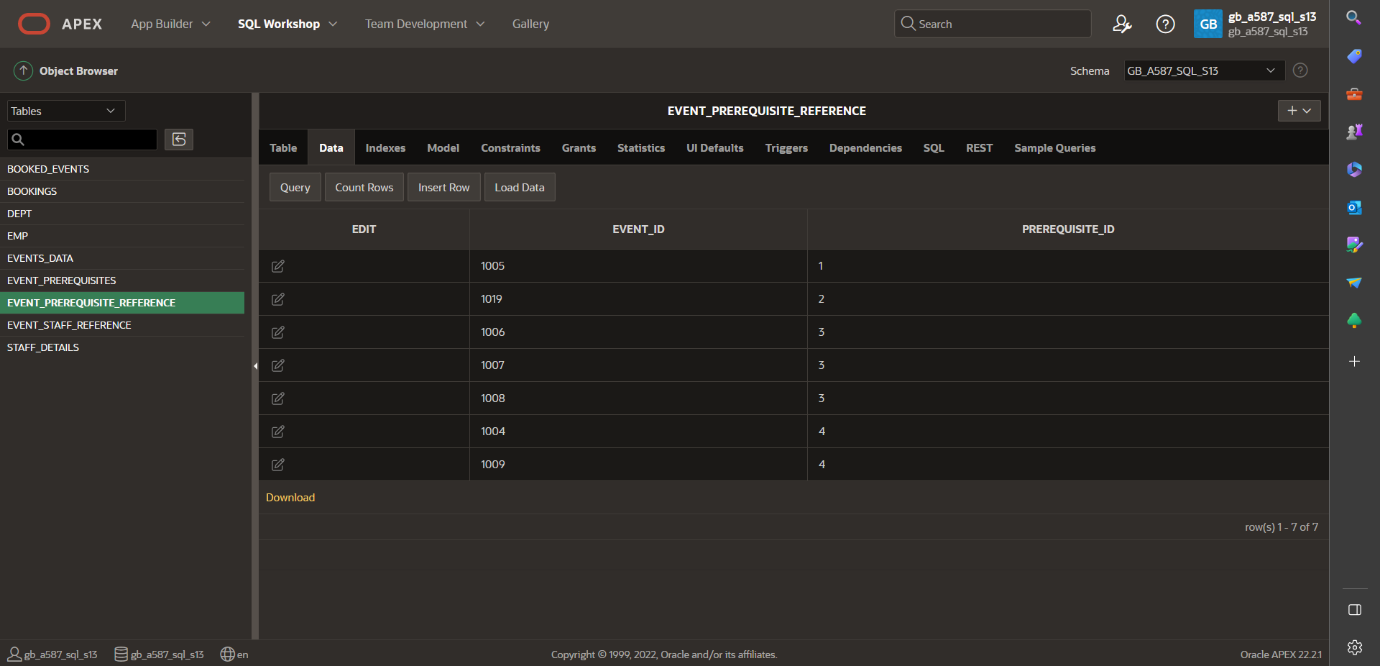


Table 1.4 EVENT\_PREREQUISITE\_REFERANCE

# CASE 2

select \* from events\_ data where event\_ name='Supercar driving';

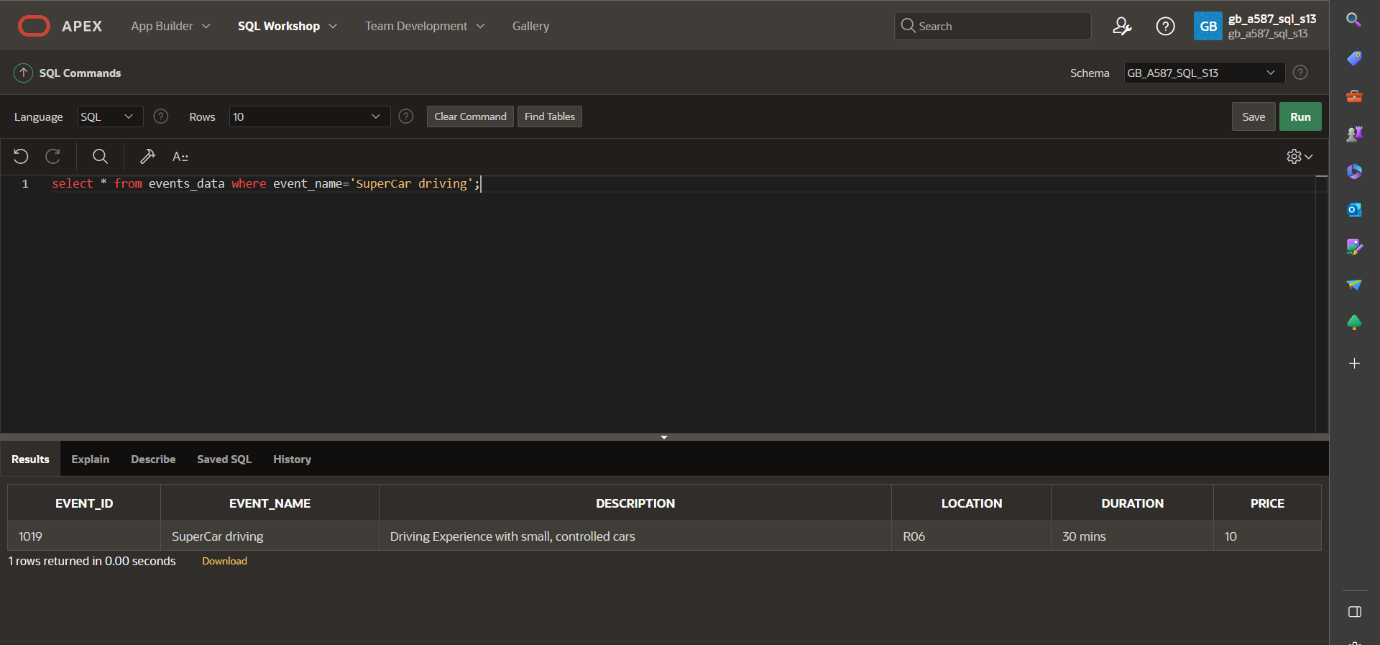


Figure 2.1 event details based on event name

B.

select \* from events\_ data where price <= 30;

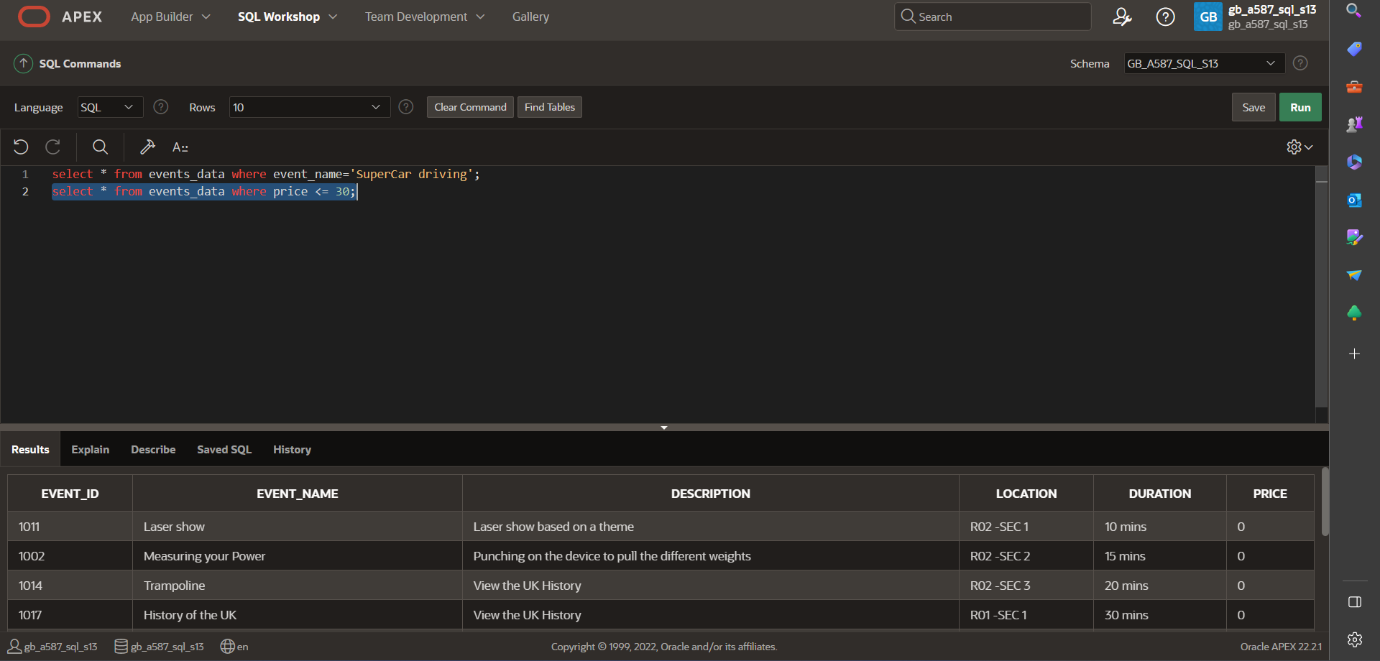


Figure 2.2 event details based on price

C.

select \* from bookings where customer\_ details like '%Mr. Kemiln %';

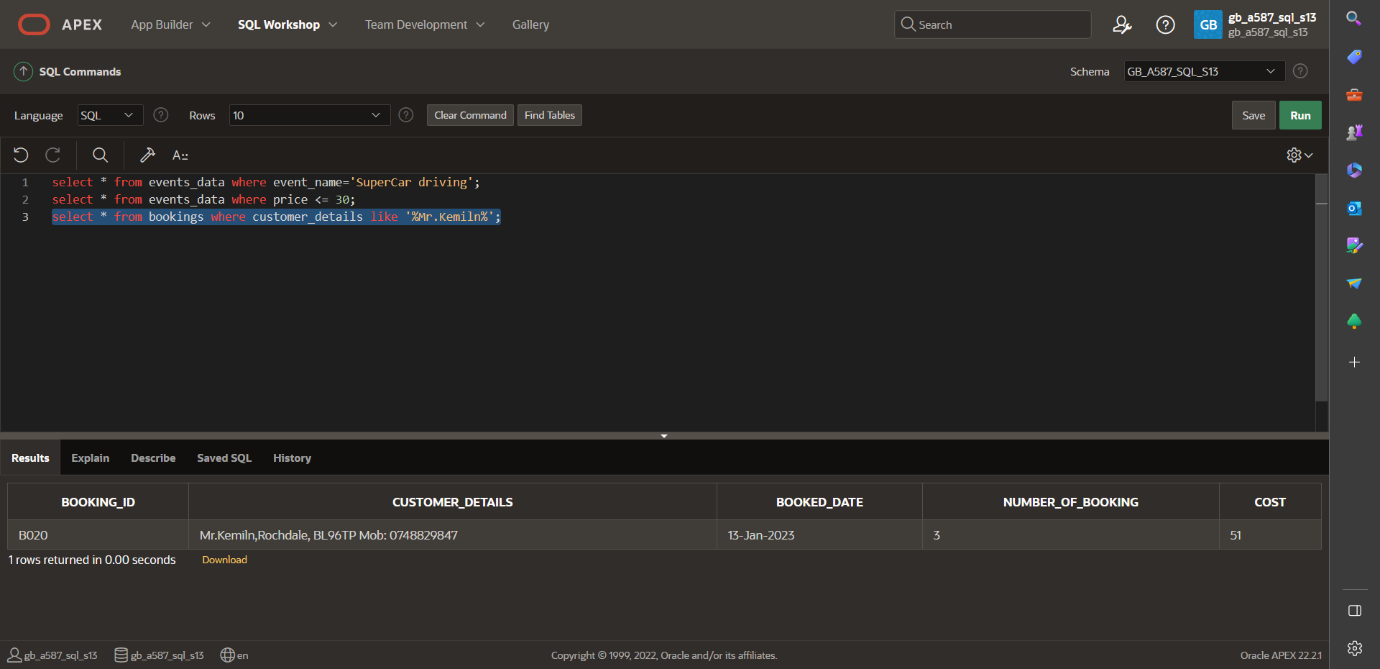


Figure 2.3 order details for a customer name.

D.

select \* from bookings where booked\_date =TO\_DATE('12/01/2023', 'DD/MM/%YYYY');

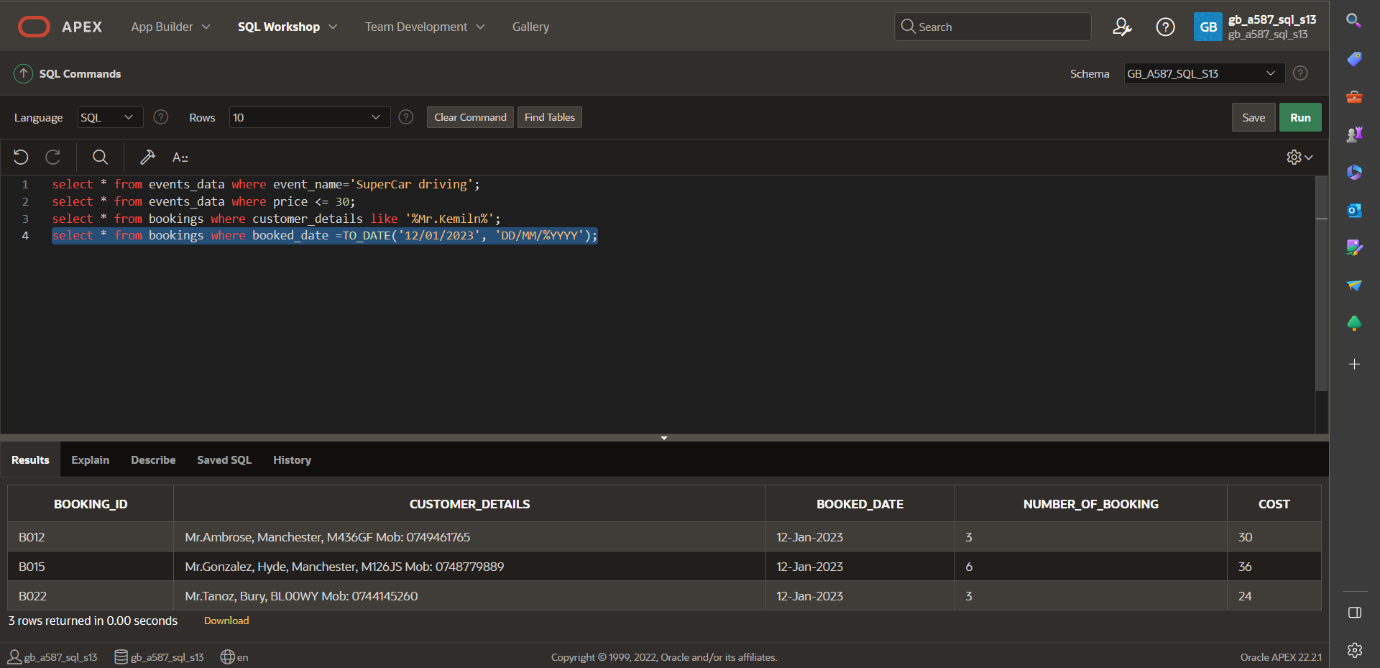
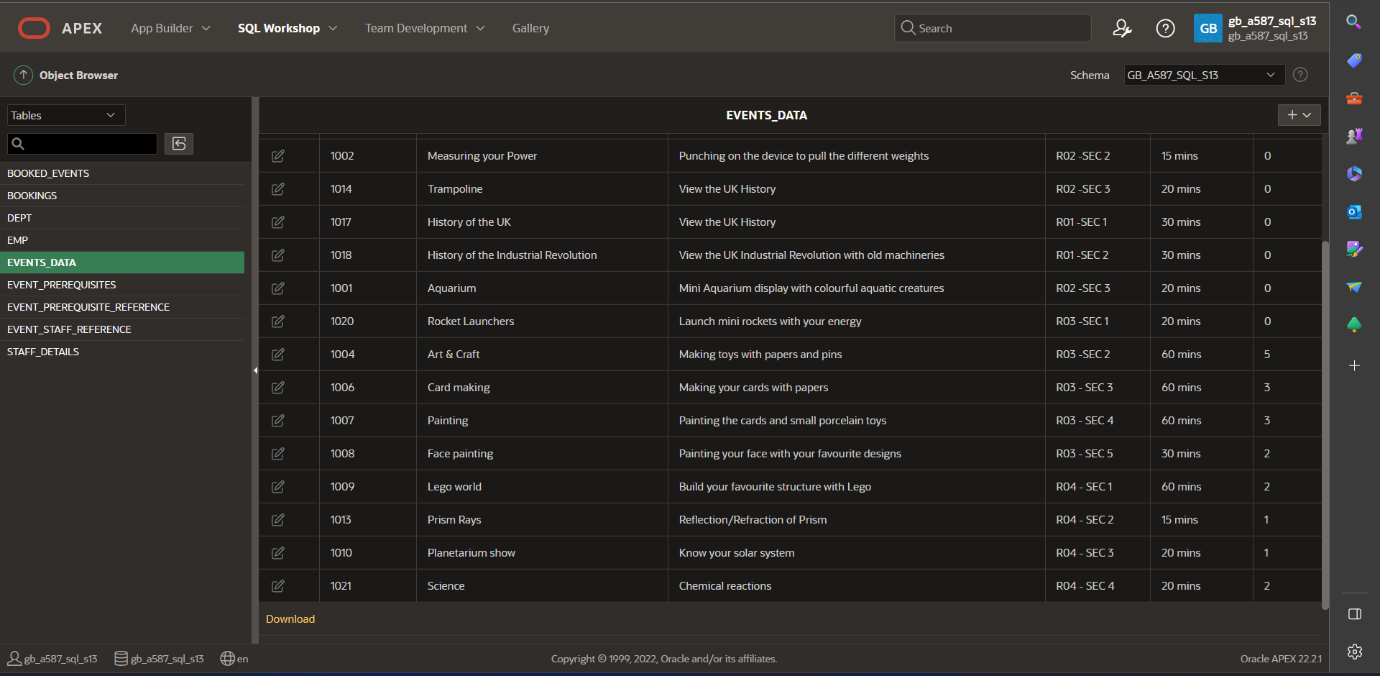


Figure2.4 order details for a particular date.

# CASE 3

Event update

update events\_ data set price=0.00 where event\_ name='Rocket Launchers';



# CASE 4

insert into bookings (booking\_ id, customer\_ details, booked\_ date, number\_ of\_ booking, cost) values ('B026', 'rose, dahlwitzer street, berlin', TO\_DATE('30/04/2023', 'DD/MM/YYYY'), 6, 120.00);

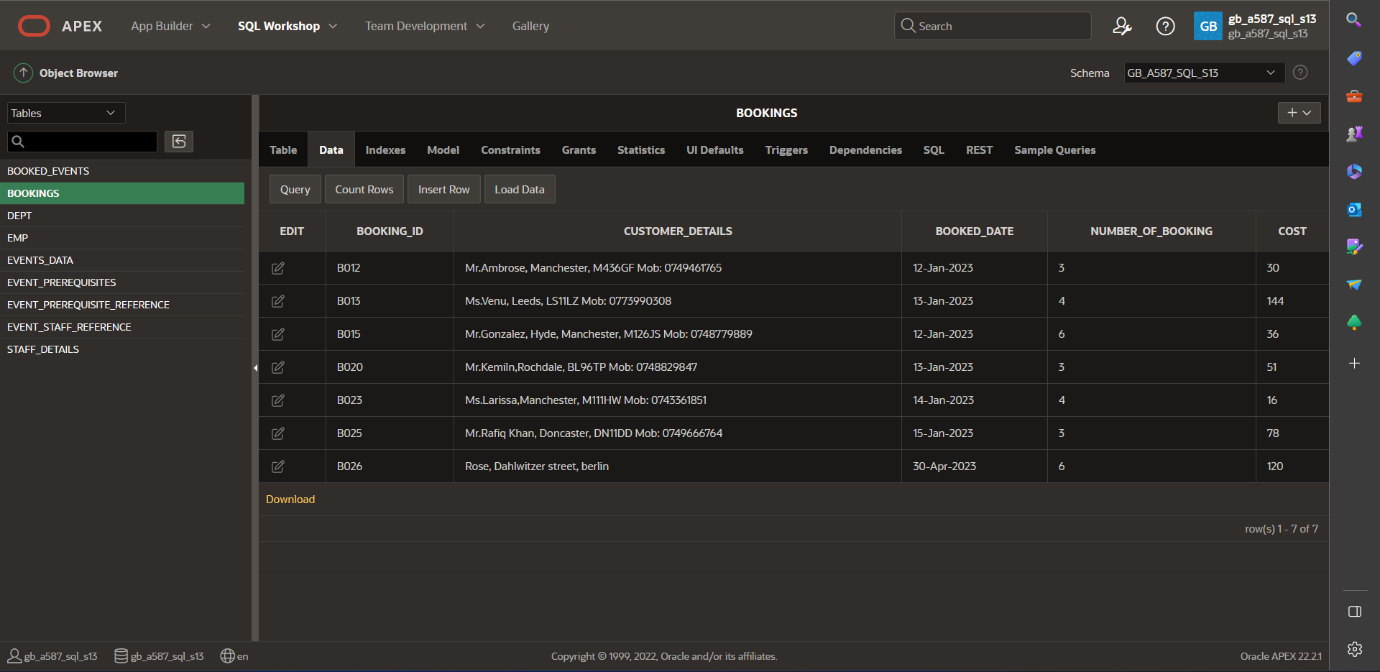


FIGURE 3.1

delete from booked\_events where booking\_id= 'B022';

delete from bookings where booking\_id = 'B022';

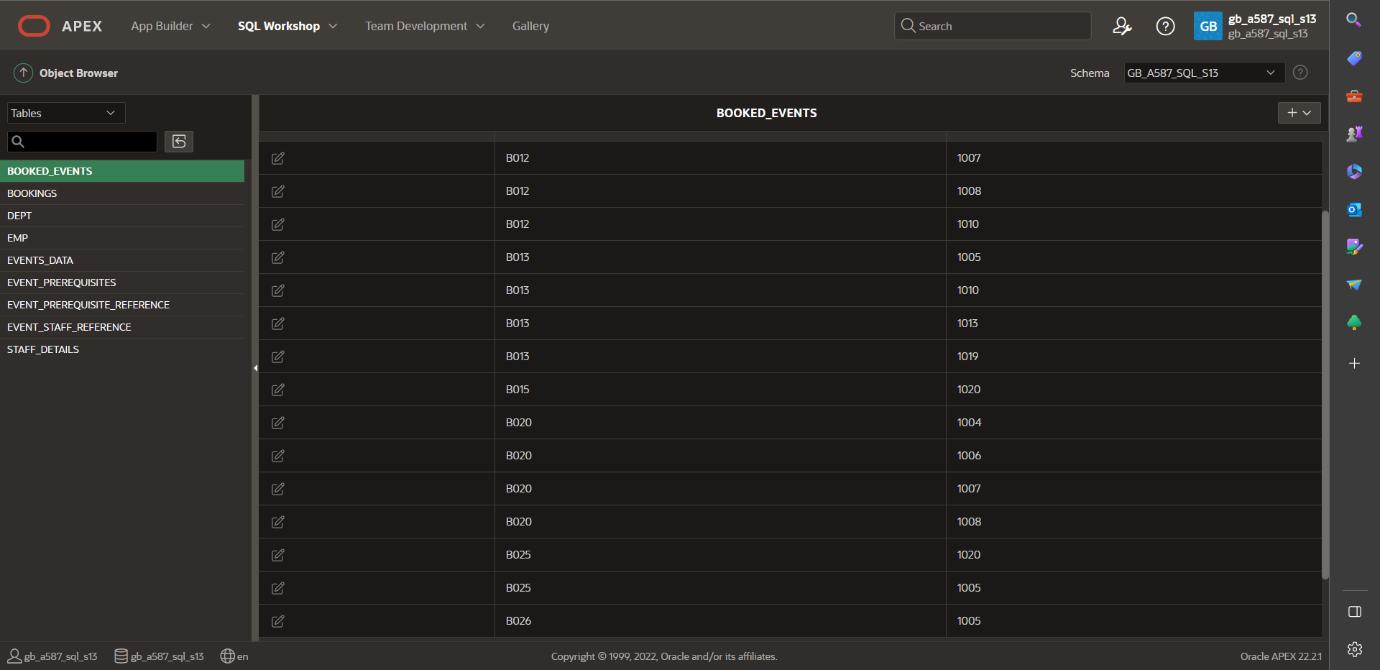


FIGURE 3.2

# CASE 5

STATISTICS

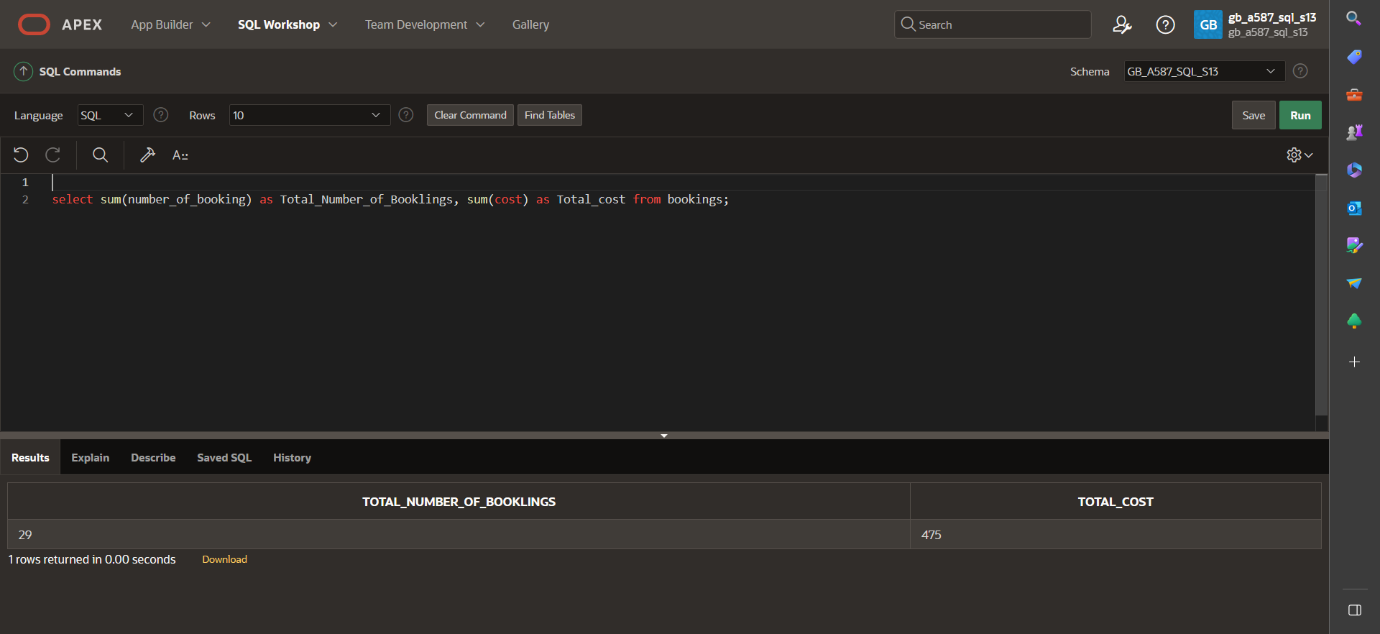
select sum(number\_ of\_ booking) as Total\_ Number\_ of\_ Booklings, sum(cost) as Total\_ cost from bookings;

Figure 4.1