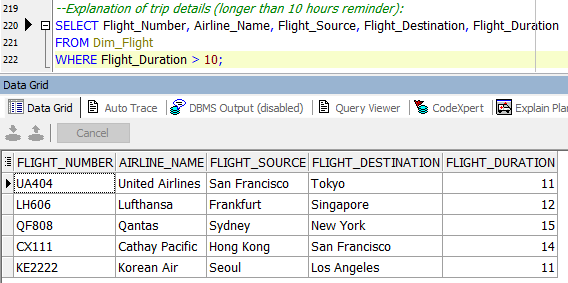
*--Explanation of trip details (longer than 10 hours reminder):*

SELECT Flight\_Number, Airline\_Name, Flight\_Source, Flight\_Destination, Flight\_Duration

FROM Dim\_Flight

WHERE Flight\_Duration > 10;



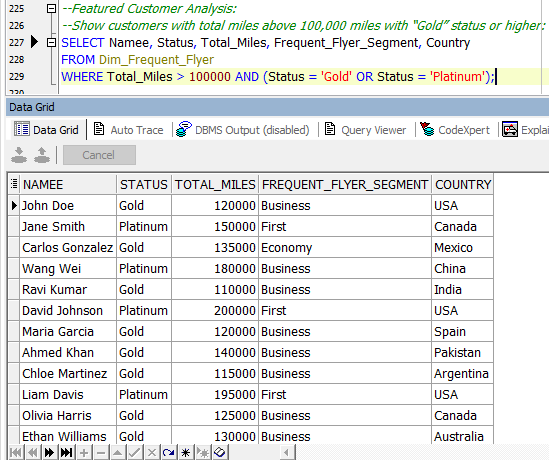
*--Featured Customer Analysis:*

*--Show customers with total miles above 100,000 miles with “Gold” status or higher:*

SELECT Namee, Status, Total\_Miles, Frequent\_Flyer\_Segment, Country

FROM Dim\_Frequent\_Flyer

WHERE Total\_Miles > 100000 AND (Status = 'Gold' OR Status = 'Platinum');



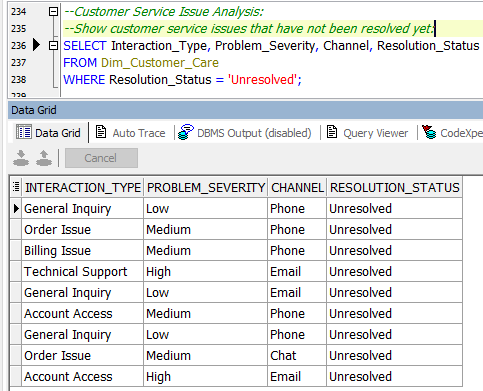
*--Customer Service Issue Analysis:*

*--Show customer service issues that have not been resolved yet:*

SELECT Interaction\_Type, Problem\_Severity, Channel, Resolution\_Status

FROM Dim\_Customer\_Care

WHERE Resolution\_Status = 'Unresolved';



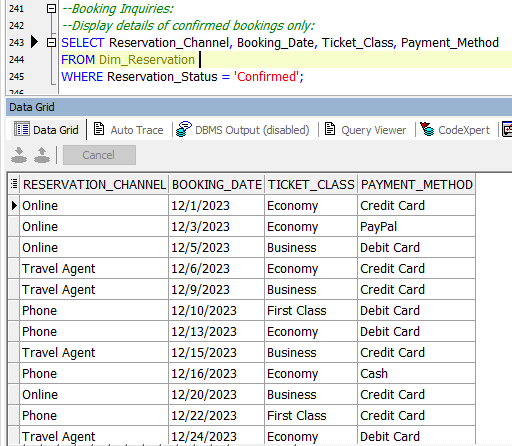
--Booking Inquiries:

--Display details of confirmed bookings only:

SELECT Reservation\_Channel, Booking\_Date, Ticket\_Class, Payment\_Method

FROM Dim\_Reservation

WHERE Reservation\_Status = 'Confirmed';



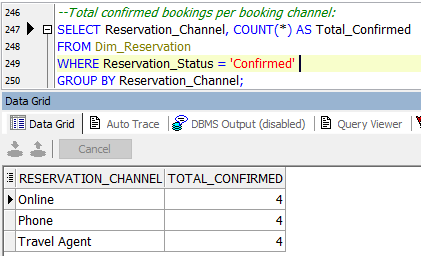
*--Total confirmed bookings per booking channel:*

SELECT Reservation\_Channel, COUNT(\*) AS Total\_Confirmed

FROM Dim\_Reservation

WHERE Reservation\_Status = 'Confirmed'

GROUP BY Reservation\_Channel;



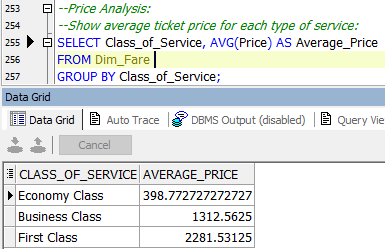
*--Price Analysis:*

*--Show average ticket price for each type of service:*

SELECT Class\_of\_Service, AVG(Price) AS Average\_Price

FROM Dim\_Fare

GROUP BY Class\_of\_Service;



*--Data Merge Queries:*

*--Show details of trips taken by Platinum customers only:*

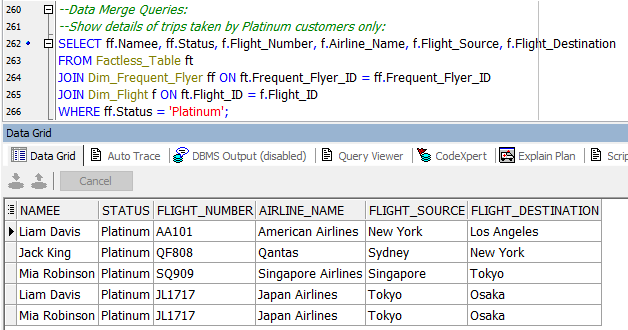
SELECT ff.Namee, ff.Status, f.Flight\_Number, f.Airline\_Name, f.Flight\_Source, f.Flight\_Destination

FROM Factless\_Table ft

JOIN Dim\_Frequent\_Flyer ff ON ft.Frequent\_Flyer\_ID = ff.Frequent\_Flyer\_ID

JOIN Dim\_Flight f ON ft.Flight\_ID = f.Flight\_ID

WHERE ff.Status = 'Platinum';



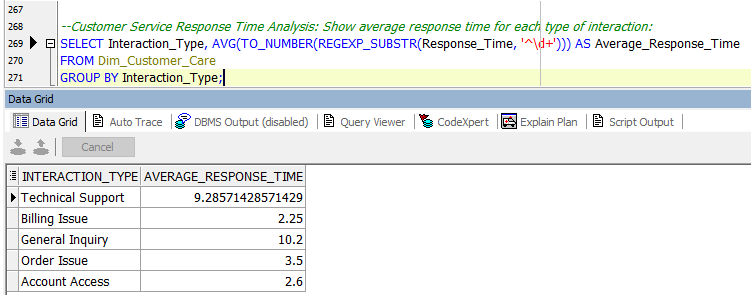
*--Customer Service Response Time Analysis:*

*-- Show average response time for each type of interaction:*

SELECT Interaction\_Type, AVG(TO\_NUMBER(REGEXP\_SUBSTR(Response\_Time, '^\d+'))) AS Average\_Response\_Time

FROM Dim\_Customer\_Care

GROUP BY Interaction\_Type;



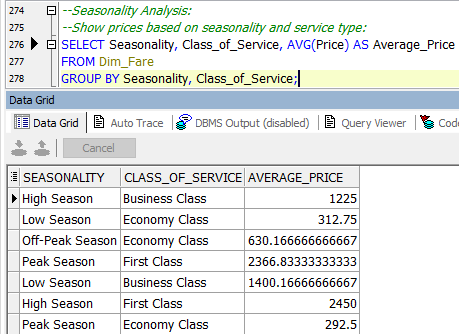
--Seasonality Analysis:

--Show prices based on seasonality and service type:

SELECT Seasonality, Class\_of\_Service, AVG(Price) AS Average\_Price

FROM Dim\_Fare

GROUP BY Seasonality, Class\_of\_Service;



*--Full Data Analysis Query:*

*---Full details about customers, trips, bookings, and prices:*

*SELECT*

*ff.Namee AS Frequent\_Flyer\_Name,*

*f.Flight\_Number, f.Airline\_Name,*

*r.Reservation\_Channel, r.Ticket\_Class,*

*fare.Price, fare.Seasonality*

*FROM Factless\_Table ft*

*JOIN Dim\_Frequent\_Flyer ff ON ft.Frequent\_Flyer\_ID = ff.Frequent\_Flyer\_ID*

*JOIN Dim\_Flight f ON ft.Flight\_ID = f.Flight\_ID*

*JOIN Dim\_Reservation r ON ft.Reservation\_ID = r.Reservation\_ID*

*JOIN Dim\_Fare fare ON ft.Fare\_Basis = fare.Fare\_Basis;*

