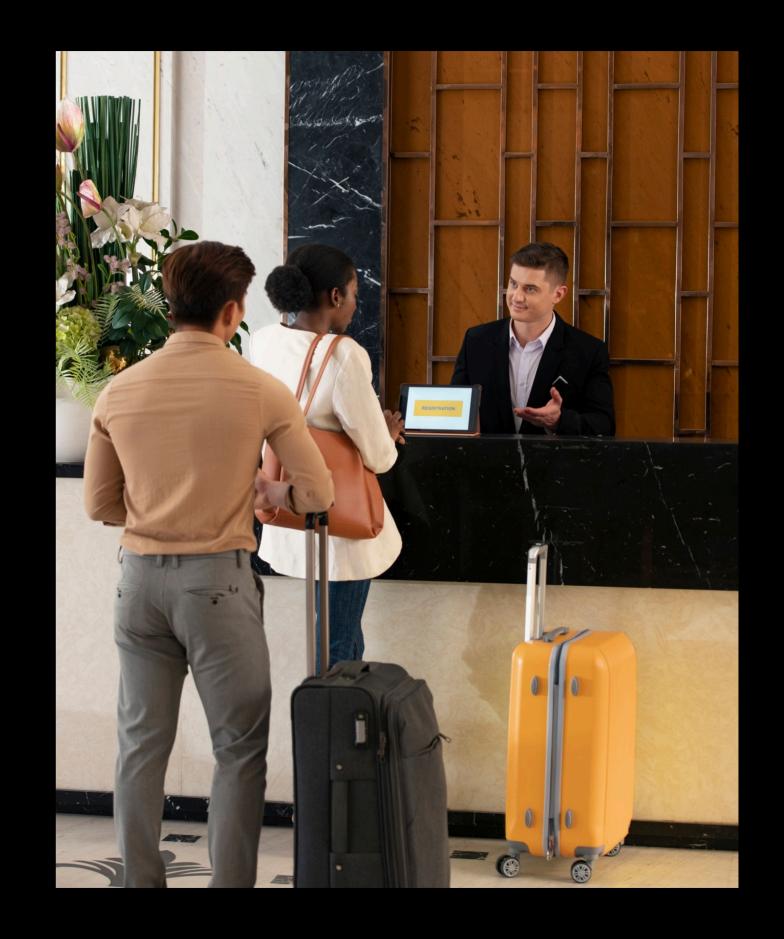


Analyzing Hotel Reservation Trends

Introduction

Hotel reservation trends can provide valuable insights into travel behavior and economic indicators.

Understanding these trends is crucial for **hoteliers** and travel industry professionals to make informed decisions. This presentation will analyze the latest trends in hotel reservations and provide key takeaways for the industry.



Seasonal Patterns

Seasonal variations in hotel reservations play a significant role in the industry. Understanding the peak and off-peak seasons can help hotels optimize pricing and marketing strategies. Analyzing booking patterns across different seasons provides valuable insights for hotel management.

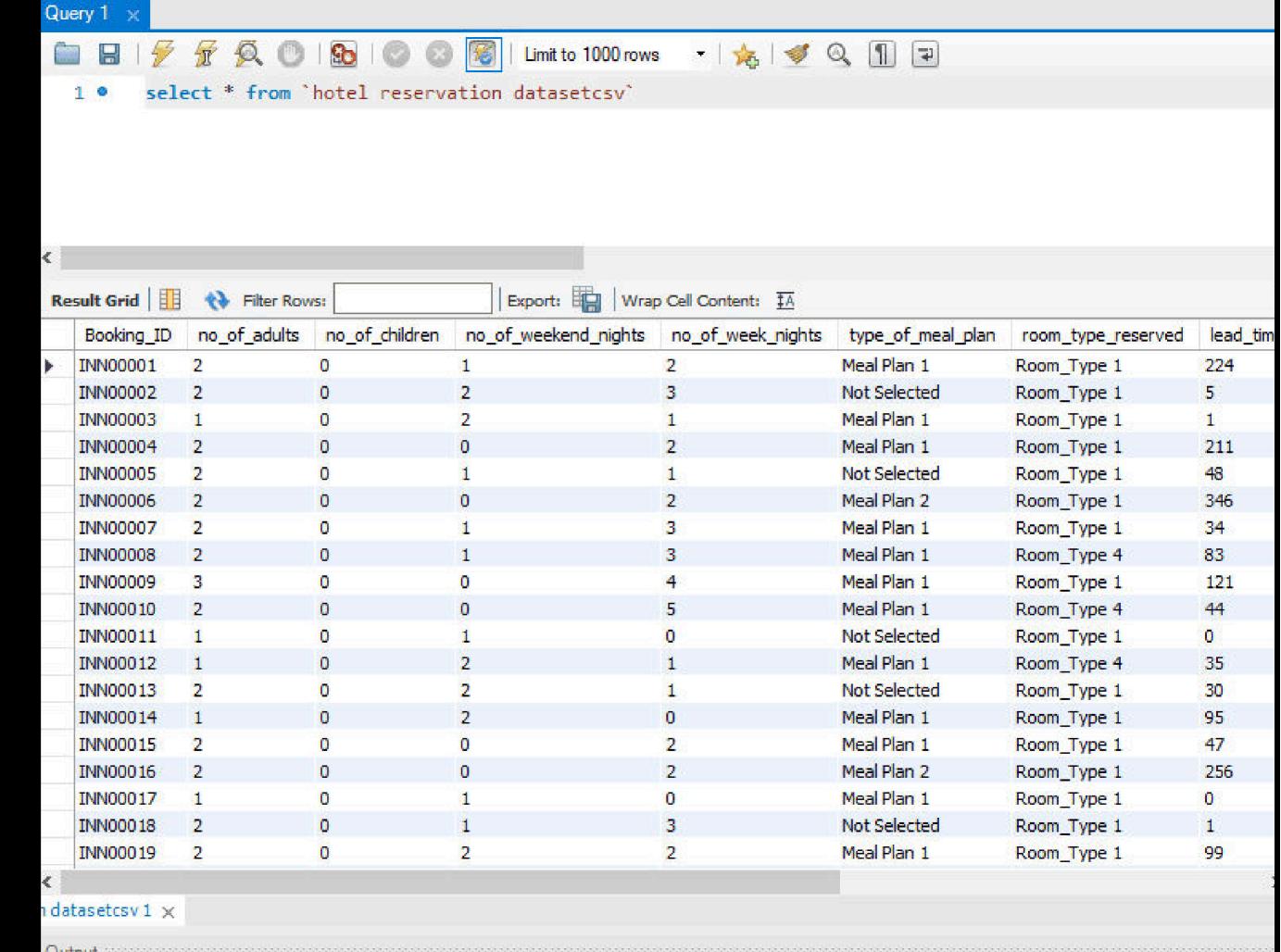




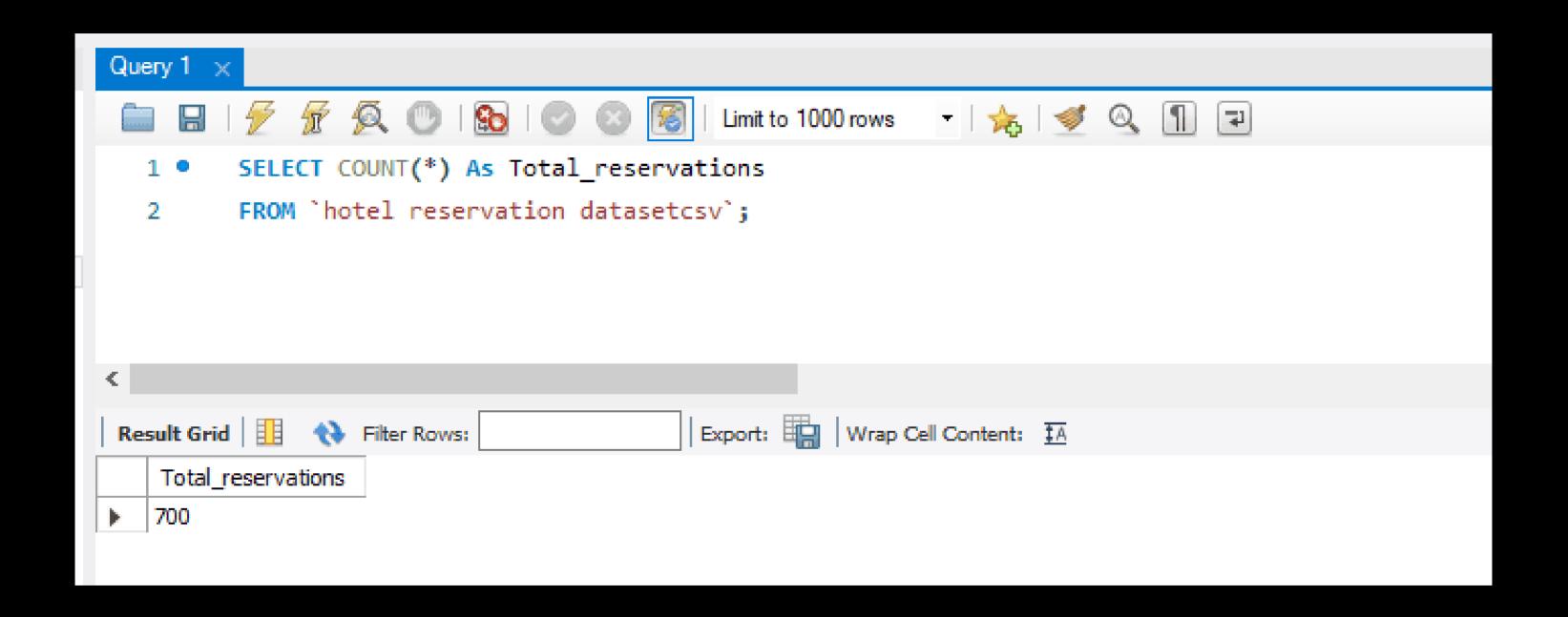
Dataset Details:

- The dataset includes the following columns:
- Booking_ID: A unique identifier for each hotel reservation.
- no_of_adults: The number of adults in the reservation.
- no_of_children: The number of children in the reservation.
- no_of_weekend_nights: The number of nights in the reservation that fall on weekends.
- no_of_week_nights: The number of nights in the reservation that fall on weekdays.
- type_of_meal_plan: The meal plan chosen by the guests.
- room_type_reserved: The type of room reserved by the guests.
- lead_time: The number of days between booking and arrival.
- arrival_date: The date of arrival.
- market_segment_type: The market segment to which the reservation belongs.
- avg_price_per_room: The average price per room in the reservation.
- booking_status: The status of the booking.

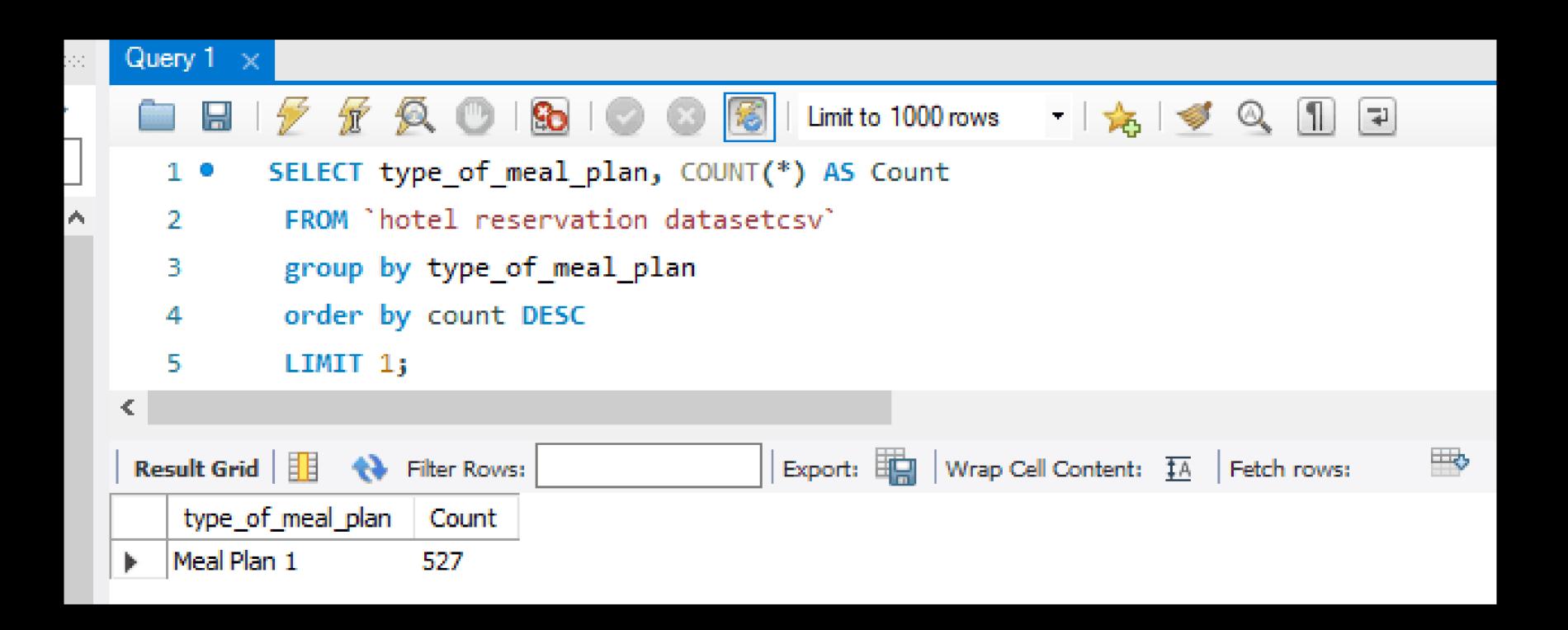
Dataset Overview



Total Number Of Reservation



Most Popular Meal Plan



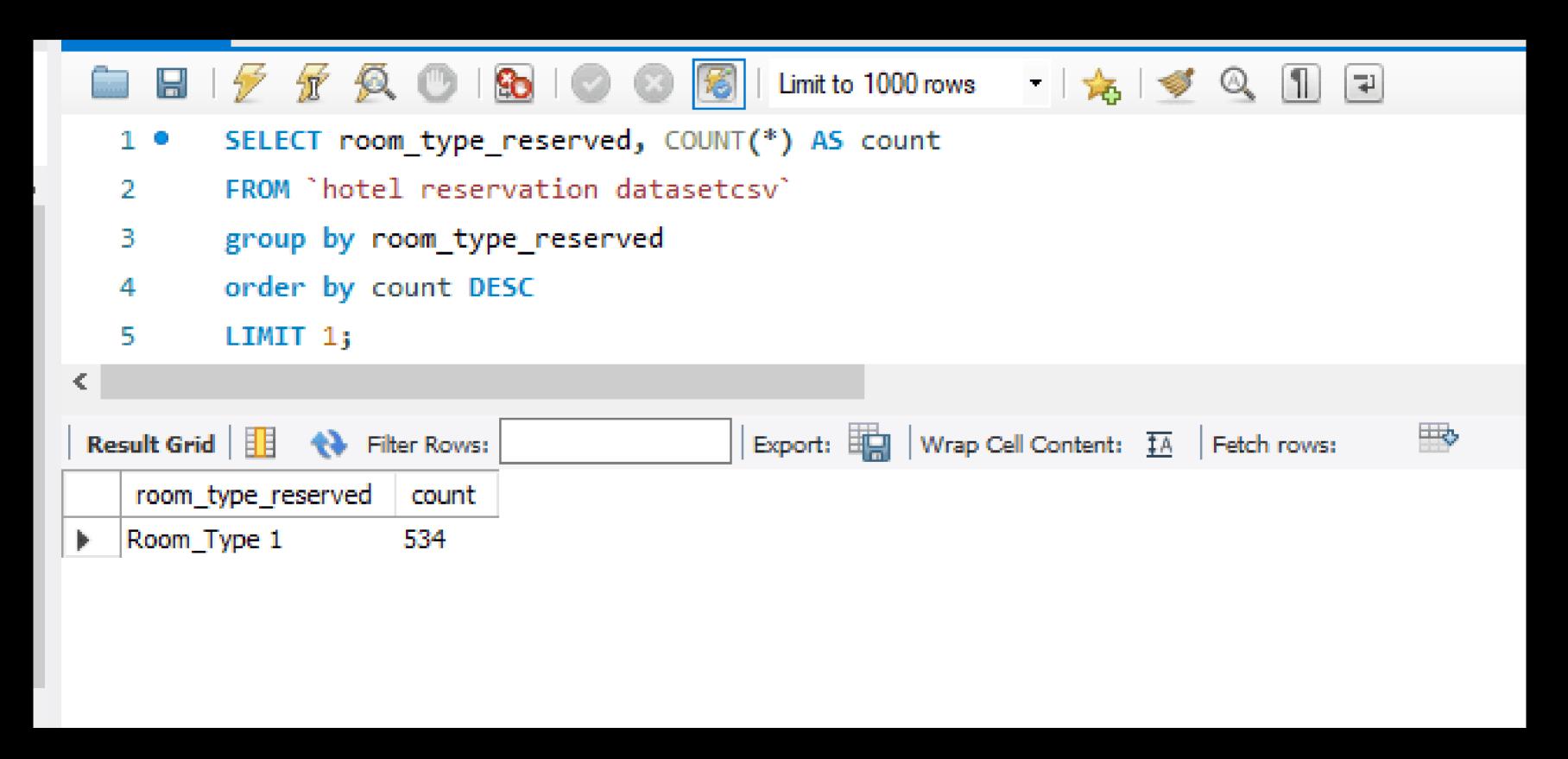
Average price per room for reservations involving children:

```
Select avg(avg price per room) AS Avg Price
  1 •
          FROM 'hotel reservation datasetcsv'
  2
          WHERE no of children>0;
Result Grid
                                                             Wrap Cell Content: $\frac{\pmathbf{I}}{4}
               Filter Rows:
   Avg_Price
   144.568333333333336
```

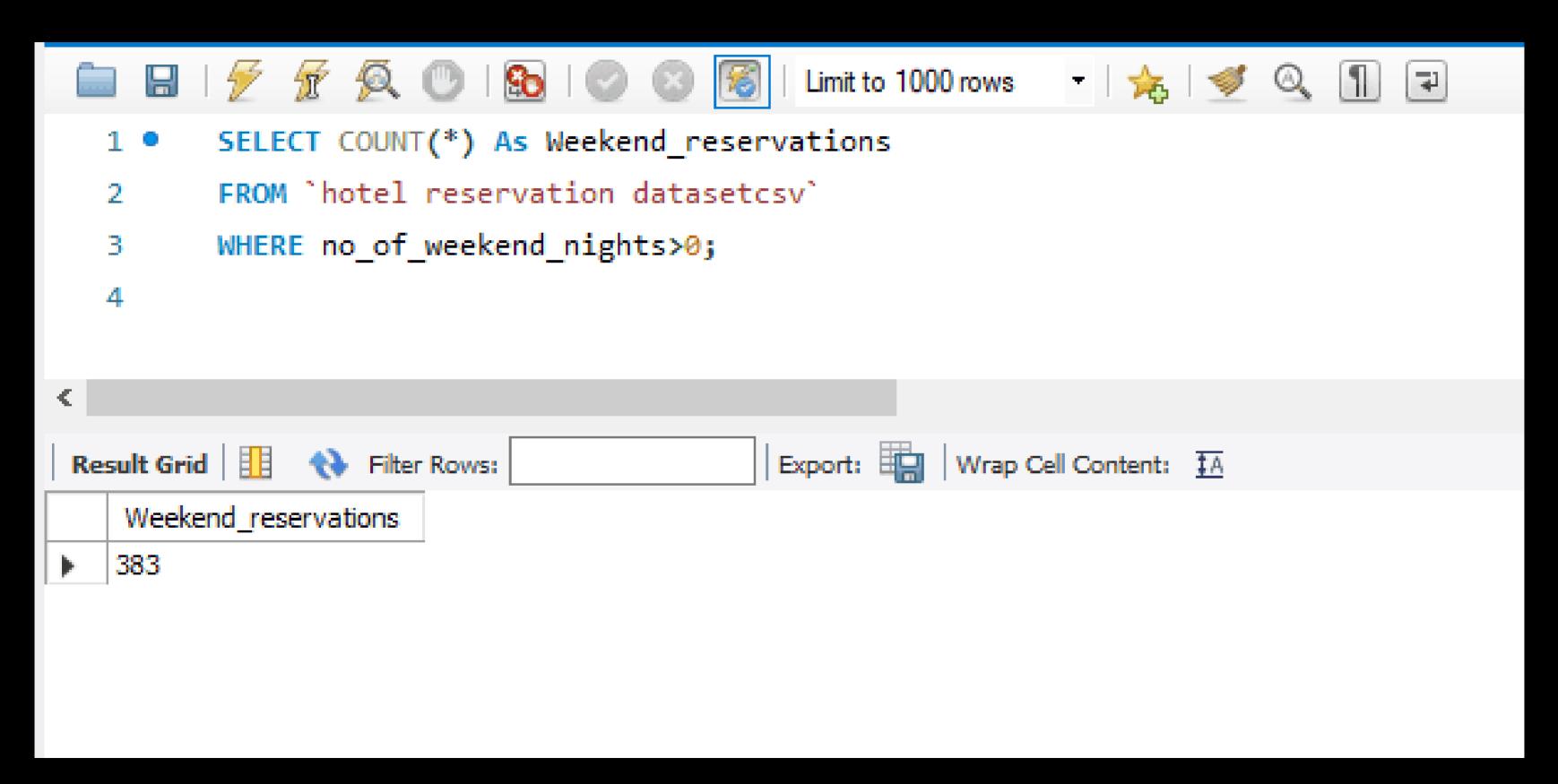
Reservations made for a specific year (e.g., 2018):

```
SELECT Count(*) As reservations 2018
          FROM 'hotel reservation datasetcsv'
          WHERE arrival date LIKE '%-2018';
₹
Result Grid
                                                         Wrap Cell Content: ‡
                   Filter Rows:
    reservations_2018
   359
```

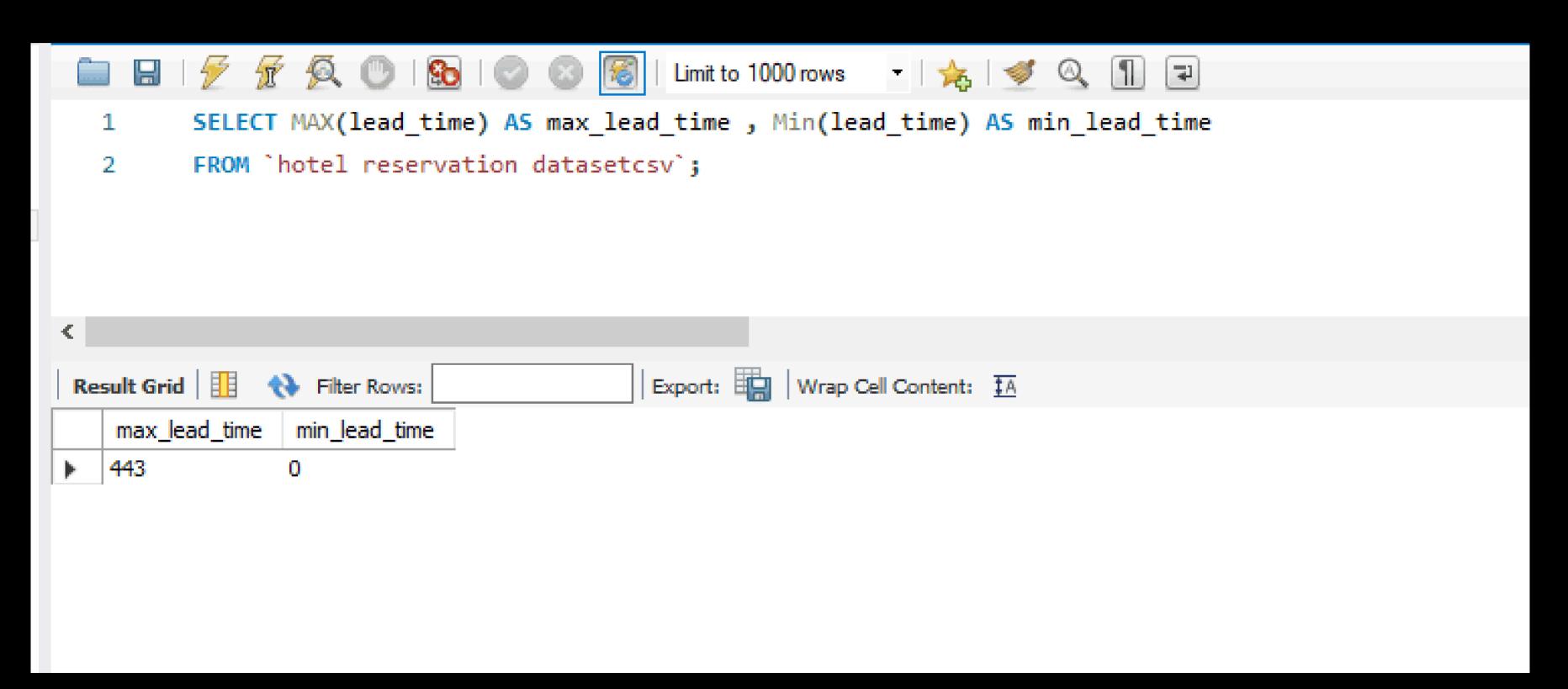
Most commonly booked room type:



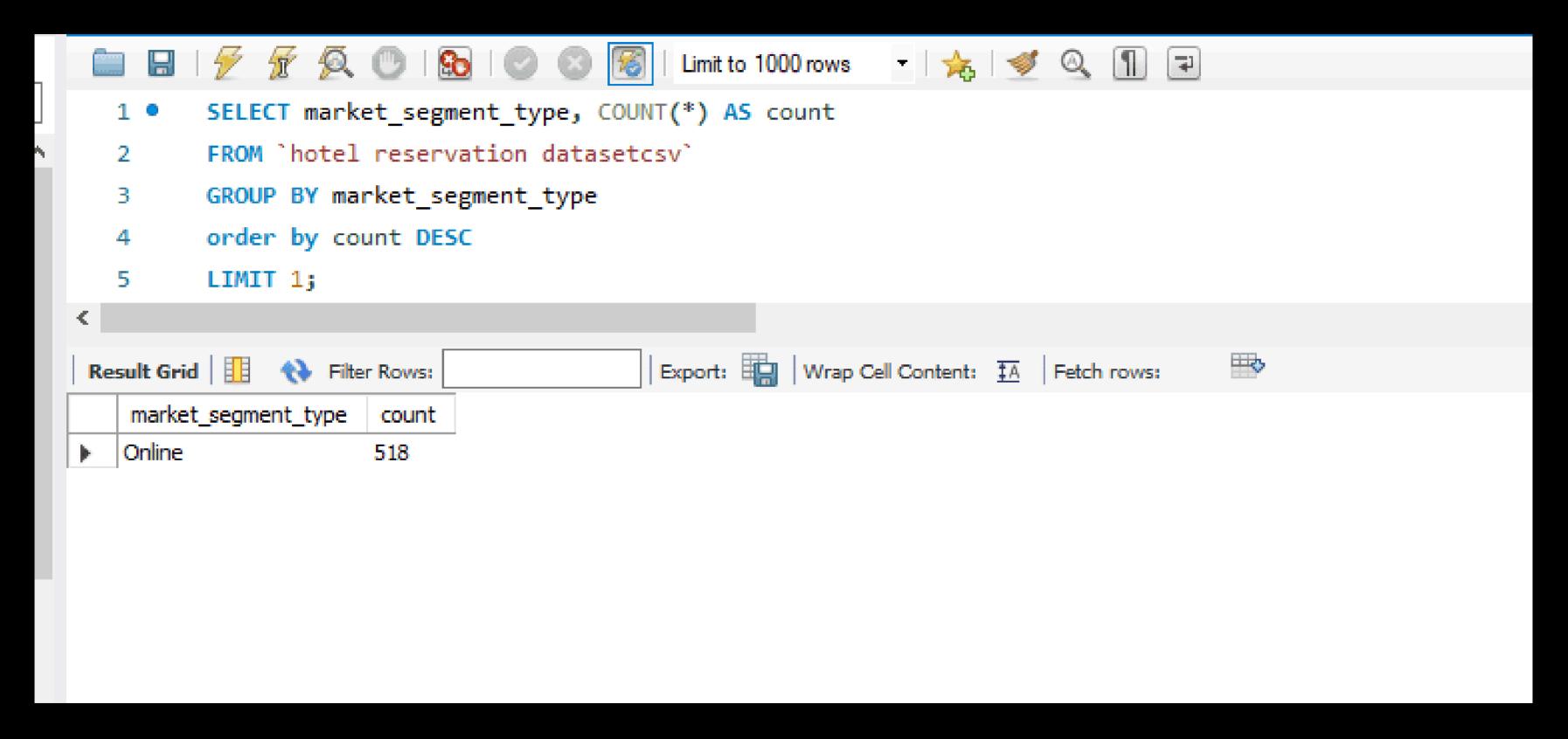
Reservations falling on a weekend:



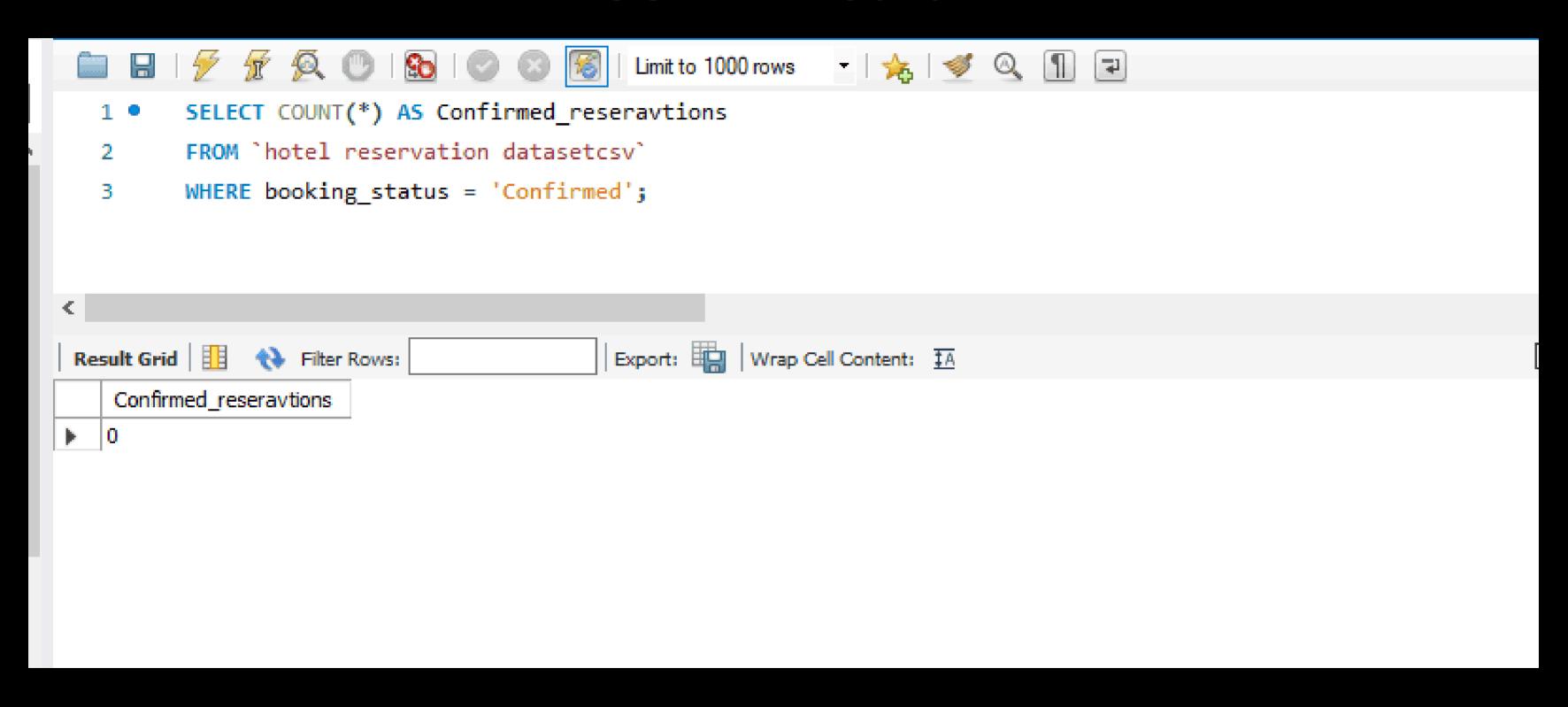
Highest and lowest lead time:



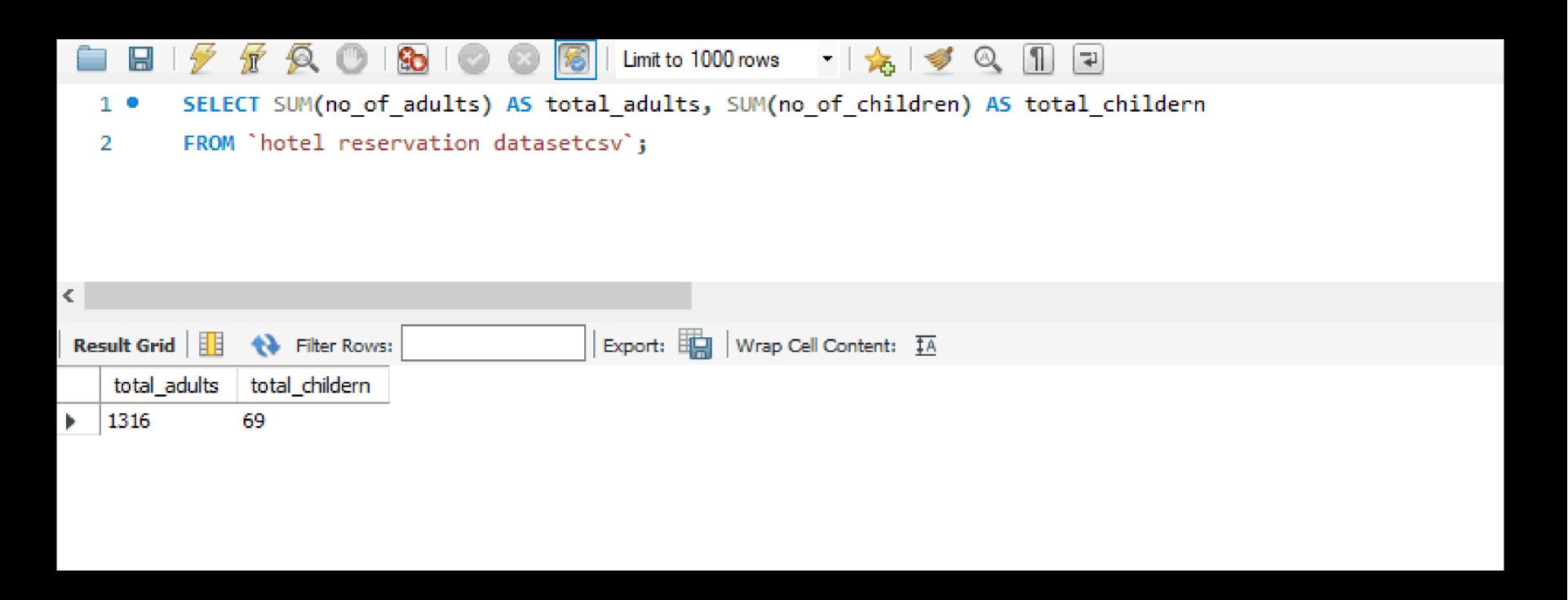
Most common market segment type:



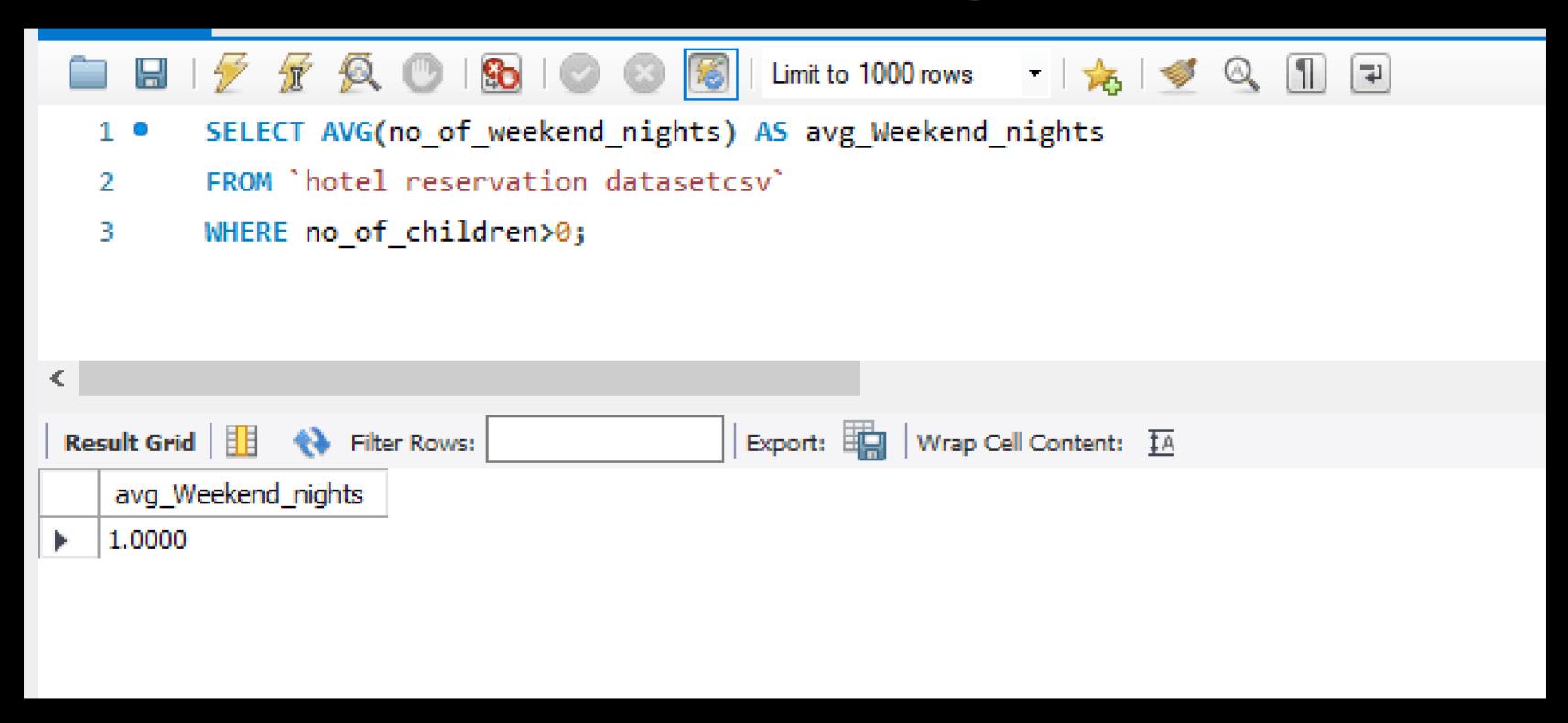
Reservations with a booking status of "Confirmed":



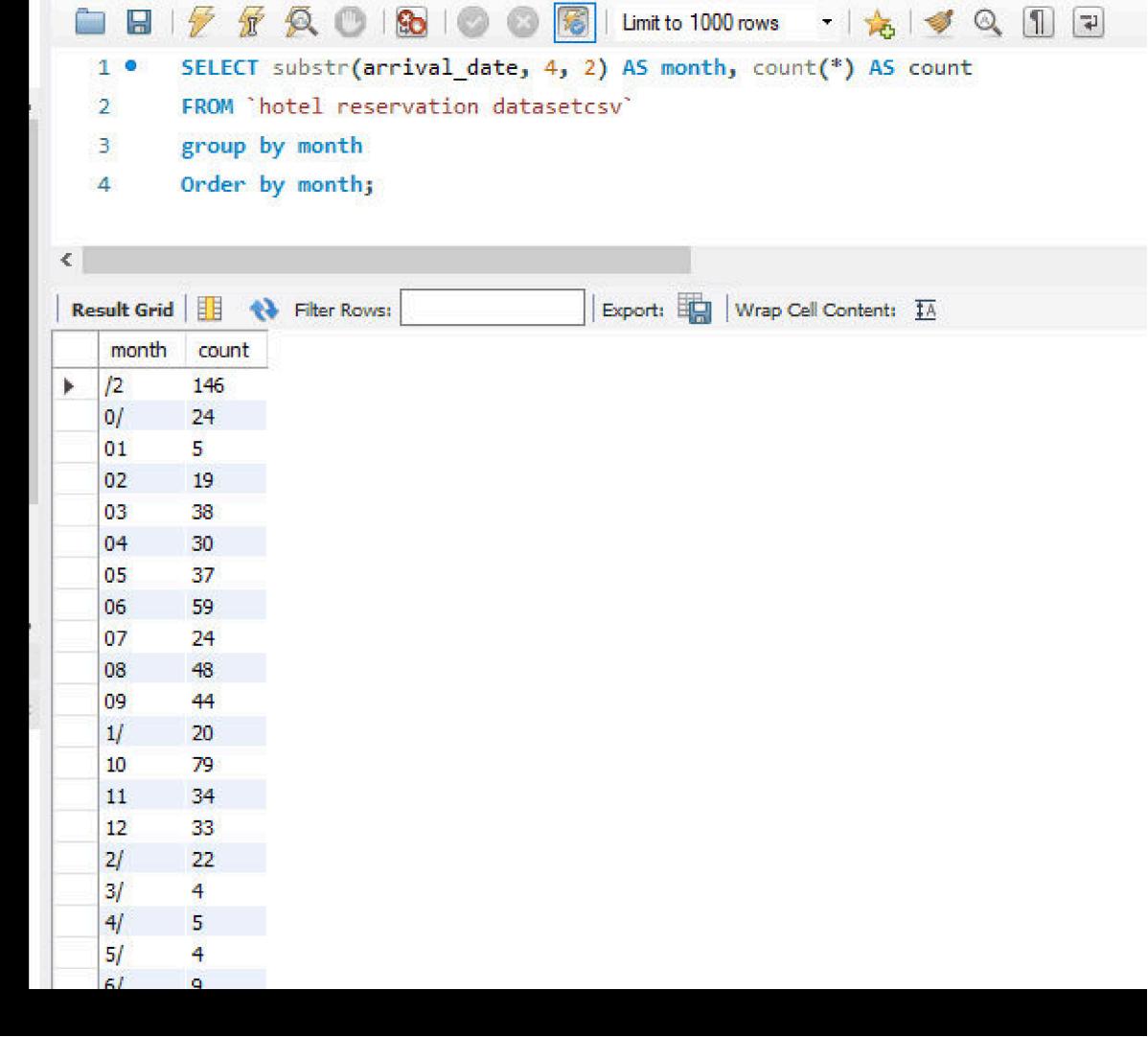
Total number of adults and children:



Average number of weekend nights for reservations involving children:



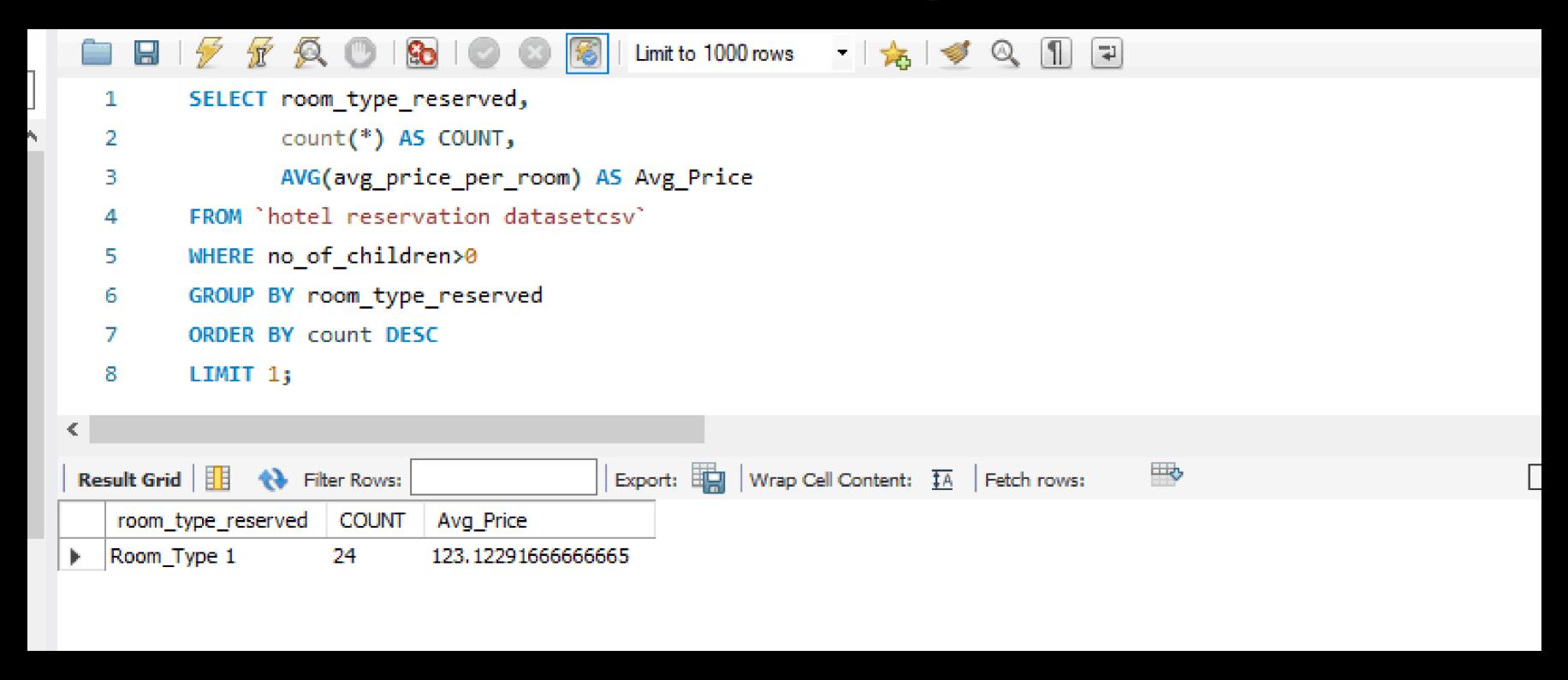
Reservations made in each month of the year:



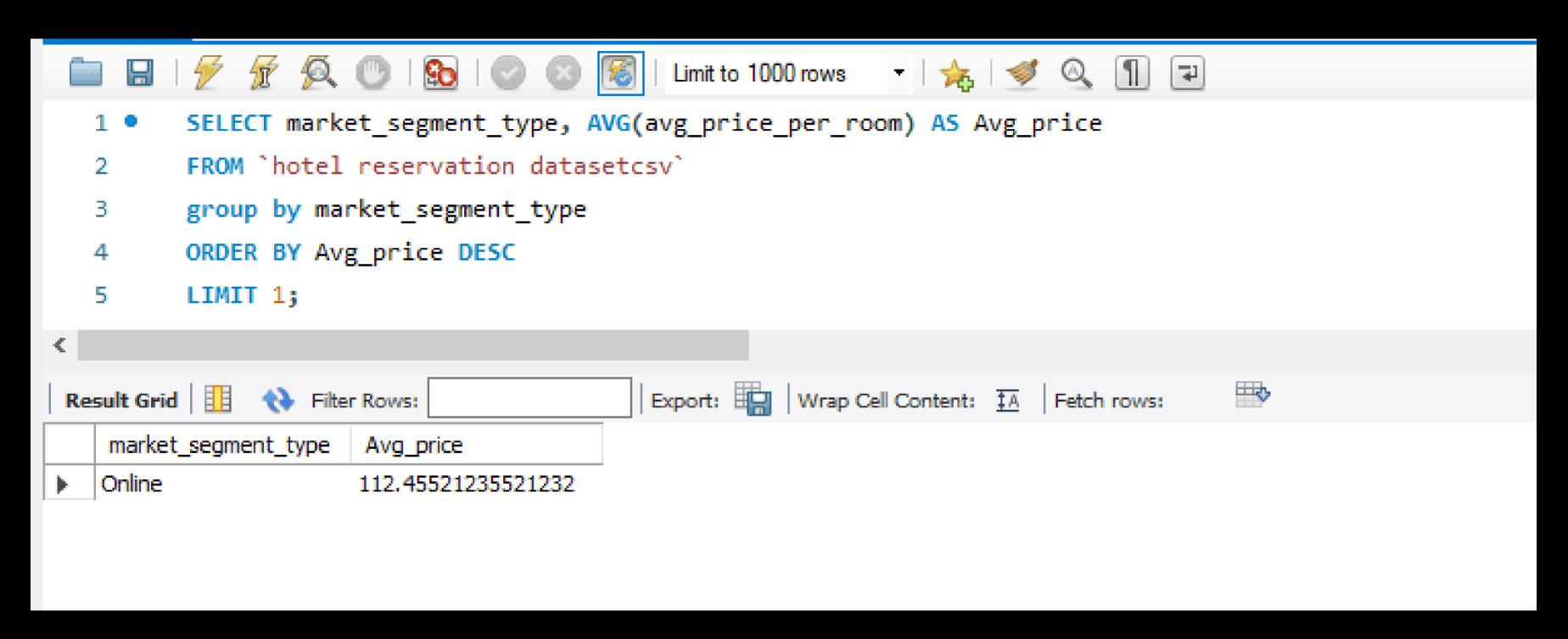
Average number of nights spent by guests for each room type:

```
Limit to 1000 rows
         SELECT room_type_reserved,
                  avg(no of weekend nights + no of week nights) As total nights
         FROM 'hotel reservation datasetcsv'
  4
         group by room type reserved;
Result Grid
                                                            Wrap Cell Content: $\frac{1}{4}
                    Filter Rows:
   room_type_reserved
                       total nights
  Room_Type 1
                      2.8783
  Room_Type 4
                      3,8000
  Room_Type 2
                      3.0000
  Room_Type 6
                      3,6111
  Room_Type 5
                      2.5000
  Room_Type 7
                      2.6667
```

Most common room type and average price for reservations involving children:



Market segment type generating the highest average price per room:



Conclusion

Analyzing hotel reservation trends offers valuable insights for strategic decision-making in the hospitality industry. By understanding the dynamics of booking patterns, hoteliers can optimize their operations and enhance the guest experience. Stay updated with the latest trends to stay ahead in the competitive hotel market.

Do you have any questions? Nehamahajan721@gmail.com