

Hotel Bookings MSQLS queries

--initial query

```
select * from hotel_bookings
```

```
ALTER TABLE hotel_bookings
```

```
DROP COLUMN company
```

```
select * from hotel_bookings
```

--optimizing query

```
select
```

```
hotel,
```

```
is_canceled,
```

```
is_repeated_guest,
```

```
deposit_type,
```

```
arrival_date_month,
```

```
case when is_canceled IN (1) then 'cancelled'
```

```
    when is_canceled IN (0) then 'not_cancelled'
```

```
    else 'Unknown' end as cancelation_category,
```

```
case when is_repeated_guest IN (1) then 'repeated'
```

```
    when is_repeated_guest IN (0) then 'not_repeated'
```

```
    else 'Unknown' end as guest_category,
```

```
case when deposit_type IN ('No Deposit') then 'No Deposit'
```

```
    when deposit_type IN ('Non Refund') then 'Deposit'
```

```
    else 'Unknown' end as deposit_category,
```

```
case when arrival_date_month in ('december', 'january', 'february') then 'winter'
```

```
    when arrival_date_month in ('march', 'april', 'may') then 'spring'
```

```
    when arrival_date_month in ('june', 'july', 'august') then 'summer'
```

```
    when arrival_date_month in ('september', 'october', 'november') then 'autumn'
```

```
    else 'unknown' end as Season,
```

```
lead_time,
```

```
arrival_date_year,
```

```
arrival_date_month,
```

```
arrival_date_week_number,
```

```
arrival_date_day_of_month,
```

```
stays_in_weekend_nights,
```

```
stays_in_week_nights,
```

```
adults,
```

```
children,
```

```
babies,
```

```
meal,
```

```
country,
```

```
market_segment,
```

```
previous_cancellations,
```

```
previous_bookings_not_canceled,
```

```
reserved_room_type,
```

```
assigned_room_type,
```

```
booking_changes,
```

```
days_in_waiting_list,
```

```
total_of_special_requests,
```

```
reservation_status,
```

```
reservation_status_date
```

```
from hotel_bookings
```