```
select Confirmed_at, str_to_date(substr(Confirmed_at,1,10), '%d-%m-%Y') as Confirmed_date
from order_data;
select  right(Confirmed_at,5 )as Confirmed_time
from order_data;

alter table order_data
add Confirmed_data date,
add Confirmed_time time;

Update order_data
Set Confirmed_data = str_to_date(substr(Confirmed_at,1,10), '%d-%m-%Y') ;
Update order_data
Set Confirmed_time = right(Confirmed_at,5 )  ;
```

#Q1: Find hour of 'pickup' and 'confirmed_at' time, and make a column of weekday as "Sun,Mon, etc"next to pickup_datetime

```
select Confirmed_time, pickup_time
from order_data
where dayname(Confirmed_data)='Sunday' or dayname(Confirmed_data)='Monday';
```

#Q2: Make a table with count of bookings with booking_type = p2p catgorized by booking mode as 'phone', 'online','app',etc

```
create view booking_count as
(select count(booking_id),booking_mode
 from order_data
 where booking_type='P2P' group by booking_mode) ;
```

/*Q3: Create columns for pickup and drop ZONES (using Localities data containing Zone IDs against each area)

```
 and fill corresponding
 values against pick-area and drop_area,
 using Sheet'Localities'*/
create view puid as (
select Pickup_Area, zone_id as pickuparea_id from  order_data ,localities
where localities.Area = order_data.pickup_area) ;
create view drid as (
select drop_area,zone_id as droparea_id from order_data, localities where
localities.area= order_data.drop_area);
select * from puid, drid;


#Q4: Find top 5 drop zones in terms of  average revenue
select Drop_Area, Avg(Fare) as Revenue From  order_data
Group by Drop_Area order by  avg(fare) DESC Limit 5;

#Q5: Find all unique driver numbers grouped by top 5 pickzones
select zone_id, Driver_number
from order_data d inner join Localities L ON d.pickup_area = L.area where  zone_id IN (SELECT
zone_id
from order_data d inner join Localities L ON d.pickup_area = L.area
group by zone_id
order by Sum(Fare) desc limit 5)
group by  Zone_id, driver_number
having Count(*) = 1;


#Q6: Make a list of top 10 driver by driver numbers in terms of fare collected where service_status is
done, done-issue
select driver_number,sum(fare)
from order_data
where service_status='done' or service_status='done issue'
```

```
group by driver_number order by sum(fare) desc;
```

#Q7: Make a hourwise table of bookings for week between Nov01-Nov-07

```
select Hour(Pickup_time), Count(*) FROM order_data
where pickup_date between '01-nov-2013' and '07-nov-2013' group by Hour(pickup_time) ;
```