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-- Query 1
USE final;
CREATE VIEW final.query1 AS
SELECT l.city_name AS 'city name', l.state, rest_name AS 'restuarant
name',
cuisine, rest_phonenum AS 'restuarant number', rest_address AS 'restuarant
address',
p.hotel_name AS 'hotel name', p.hotel_address AS 'hotel address',
p.hotel_phone_num AS 'hotel number'
FROM restaurant l
JOIN hotels p USING (city_name)
WHERE l.state IN ('CA', 'MA', 'NY')
GROUP BY rest_name;
```

```
-- Query 2
USE final;
CREATE VIEW final.query2 AS
SELECT
    hotels.city_name,
    hotel_name,
    car_rental_name,
    cheapest_transp,
    avg_price
FROM
    hotels
    JOIN
    transportation ON hotel_id = transp_id
WHERE
    avg_price IN (SELECT
        avg_price
    FROM
        transportation
    WHERE
        avg_price < 65);
```

```
-- Query 3
Create View `query3` AS
Select
    flights_linking.flight_id as "flight_id",
    airlines as "Airlines",
    attractions.city_name as "City",
    attraction_name as "Attraction",
    type_attraction as "Type of Attraction",
    attraction_cost as "Attraction Cost",
    rest_name as "Restaurant",
    cuisine as "Cuisine Type",
    rest_avg_price as "AVG Price"
From attractions
Join restaurant
On attractions.attraction_id = restaurant.restaurant_id
Join flights_linking
On attractions.city_name = flights_linking.city_name
Join flights_id
ON flights_linking.flight_id = flights_id.flight_id
Where attractions.city_name = "Chicago"
```

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ORDER By flight_id, flight_id DESC;
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-- Query 4
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CREATE VIEW `query4` AS
SELECT activities.city_name AS 'city name', AVG(activity_cost) AS
'activity average cost',
AVG(attraction_cost) AS 'attraction average cost',
AVG(transportation.avg_price) AS 'transportation average cost'
FROM activities
JOIN attractions ON activity_id = attraction_id
JOIN transportation ON attraction_id = transp_id
GROUP BY activities.city_name;
```

```
-- Query 5
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```
CREATE VIEW `query5` AS
SELECT hotels.city_name, hotel_name, activity_name, activity_cost
FROM hotels JOIN activities ON hotel_id = activity_id
WHERE activity_cost IN (
    SELECT activity_cost
    FROM activities
    WHERE activity_cost < 40) ;
```