

Project 1.2

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PostgreSQL database account number:

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"interesting" SQL queries:

1: Find the company name and phone which is located in California and rated greater than 5.

```
SELECT C.tcname,C.phone
```

```
FROM tour_company C
```

```
WHERE C.state = 'CA' AND C.rate > 5;
```

2: Find tour guides id and names which are female and speak Chinese.

```
SELECT G.tcid,G.tgname
```

```
FROM tour_guide G, language_speak L
```

```
WHERE G.tgid = L.tgid AND G.gender = 'F' AND L.tlname = 'Chinese';
```

3: Find all information of tour companies which have packages go to LAS VEGAS that prices are lower than 500 and rated greater than 3.

```
SELECT *
```

```
FROM tour_company C
```

```
WHERE C.tcid IN (SELECT P.tcid
```

```
FROM tour_package P
```

```
WHERE P.price < 500 AND P.rate > 3 AND
```

```
P.tid IN(SELECT A.tid
```

```
FROM tour_attraction A
```

```
WHERE A.destination = 'LAS VEGAS'));
```