In [1]:
```
import pandas as pd
import json
from sqlalchemy import create_engine
```

In [7]:
```
with open('yelp_dataset/yelp_academic_dataset_business.json','r',encoding = 'utf-8'
    business_data = [json.loads(line) for line in f]
business_df = pd.DataFrame(business_data)

with open('yelp_dataset/yelp_academic_dataset_checkin.json','r',encoding = 'utf-8')
    checkin = [json.loads(line) for line in f]
checkin_df = pd.DataFrame(checkin)

with open('yelp_dataset/yelp_academic_dataset_review.json','r',encoding = 'utf-8')
    review_data = [json.loads(line) for line in f]
review_df = pd.DataFrame(review_data)

with open('yelp_dataset/yelp_academic_dataset_tip.json','r',encoding = 'utf-8') as
    tip_data = [json.loads(line) for line in f]
tip_df = pd.DataFrame(tip_data)

with open('yelp_dataset/yelp_academic_dataset_user.json','r',encoding = 'utf-8') as
    user_data = [json.loads(line) for line in f]
user_df = pd.DataFrame(user_data)
```

In [8]:
```
print(business_df.shape)
print(checkin_df.shape)
print(review_df.shape)
print(tip_df.shape)
print(user_df.shape)
```

```
(150346, 14)
(131930, 2)
(6990280, 9)
(908915, 5)
(1987897, 22)
```

In [9]:
```
business_df.drop(['attributes','hours'],axis = 1,inplace = True)
```

In [11]:
```
engine = create_engine('sqlite:///yelp.db')

def load_dataframe(df,table_name,engine):
    df.to_sql(table_name,con=engine,if_exists = 'replace',index = False)

# Load each DataFrame into a seperate table
load_dataframe(business_df,'business',engine)
load_dataframe(review_df,'review',engine)
load_dataframe(user_df,'user',engine)
load_dataframe(tip_df,'tip',engine)
load_dataframe(checkin_df,'checkin',engine)
```

In [ ]:
```
```