db.businesscitytwo.insert(db.business.find({city: {$in: ["Mentor","Cornelius"]}}).toArray())

var businessid = db.businesscitytwo.distinct("business\_id")

db.reviewcitytwo.insert(db.review.find({business\_id: {$in: businessid}}).toArray())

var userid = db.reviewcitytwo.distinct("user\_id")  
db.usercitytwo.insert(db.user.find({user\_id: {$in: userid}}).toArray())  
  
**We now have a user, review, and business collection based on the cities Mentor**

**and Cornelius.**

mongoexport --db yelp --collection businesscitytwo --type=csv --fields 'business\_id,name,neighborhood,address,city,state,postal\_code,latitude,longitude,stars,review\_count,is\_open,attributes,categories,hours,type' --out ~/desktop/businesscitytwo.csv

mongoexport --db yelp --collection reviewcitytwo --type=csv --fields 'review\_id,user\_id,business\_id,stars,date,text,useful,funny,cool,type' --out ~/desktop/reviewcitytwo.csv  
  
mongoexport --db yelp --collection usercitytwo --type=csv --fields 'user\_id,name,review\_count,yelping\_since,friends,useful,funny,cool,fans,elite,average\_stars,compliment\_hot,compliment\_more,compliment\_profile,compliment\_cute,compliment\_list,compliment\_note,compliment\_plain,compliment\_cool,compliment\_funny,compliment\_writer,compliment\_photos,type' --out ~/desktop/usercitytwo.csv

**The above code exports the collections based on the two cities.**

**Upload the nodes for user, review, and business.**

LOAD CSV WITH HEADERS FROM "file:///usercitytwo2.csv" AS user

Create (:User { user\_id: user.user\_id, name: user.name, review\_count: user.review\_count, yelping\_since: user.yelping\_since, friends: user.friends, useful: user.useful, funny: user.funny, cool: user.cool, fans: user.fans, elite: user.elite, average\_stars: user.average\_stars, compliment\_hot: user.compliment\_hot, compliment\_more: user.compliment\_more, compliment\_profile: user.compliment\_profile, compliment\_cute: user.compliment\_cute, compliment\_list: user.compliment\_list, compliment\_note: user.compliment\_note, compliment\_plain: user.compliment\_plain, compliment\_cool: user.compliment\_cool, compliment\_funny: user.compliment\_funny, compliment\_writer: user.compliment\_writer, compliment\_photos: user.compliment\_photos, type: user.type})

LOAD CSV WITH HEADERS FROM "file:///businesscitytwo2.csv" AS business

Merge (:Business { business\_id: business.business\_id, business: business.name, neighborhood: business.neighborhood, address: business.address, city: business.city, state: business.state, postal\_code: business.postal\_code, latitude: business.latitude, longitude: business.longitude, stars: business.stars, review\_count: business.review\_count, is\_open: business.is\_open, attributes: business.attributes, categories: business.categories, hours: business.hours, type: business.type})

LOAD CSV WITH HEADERS FROM "file:///reviewcitytwo.csv" AS review

Create (:Review { review\_id: review.review\_id, user\_id: review.user\_id, business\_id: review.business\_id, stars: review.stars, date: review.date, text: review.text, useful: review.useful, funny: review.funny, cool: review.cool, type: review.type})

**Create Relationships among nodes.**

Match (u:User)

With u

Match (to:Review)

Where u.user\_id = to.user\_id

Create (u)-[:Writes]->(to)

Match (r:Review)

With r

Match (b:Business)

Where r.business\_id = b.business\_id

Create (r)-[:Reviews\_on]->(b)