

Anna Valente and Natalie Gutierrez

Professor Aguiar

CSC 423

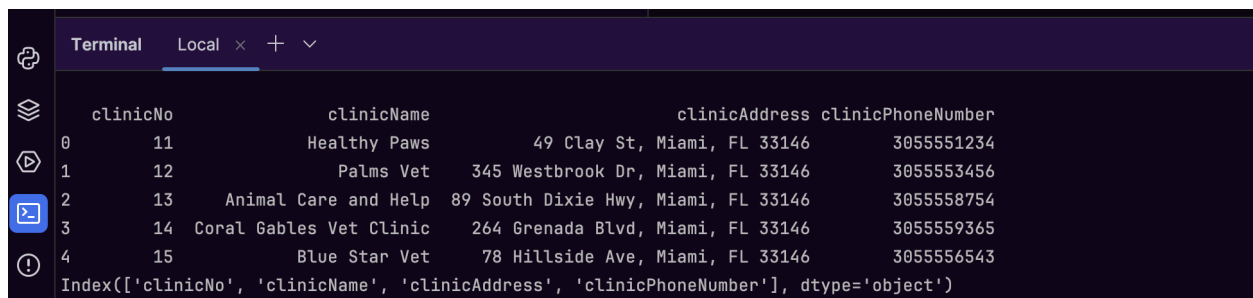
7 December 2024

## Project Part 3

### 3c. Contents of the Database:

All contents of the database were shown using SELECT statements, which can be found in the code on Github.

#### Clinic:

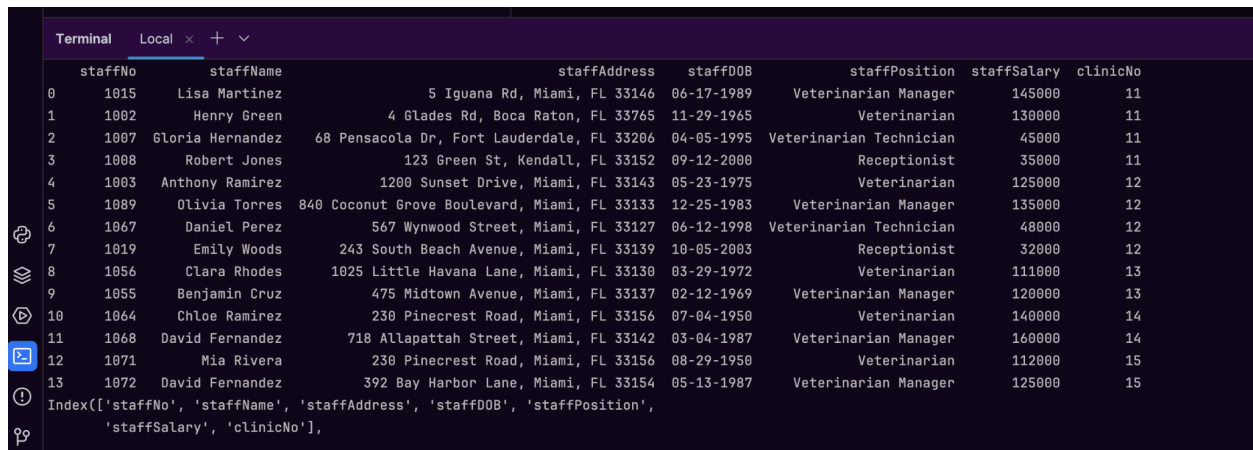


```
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```

	clinicNo	clinicName	clinicAddress	clinicPhoneNumber
0	11	Healthy Paws	49 Clay St, Miami, FL 33146	3055551234
1	12	Palms Vet	345 Westbrook Dr, Miami, FL 33146	3055553456
2	13	Animal Care and Help	89 South Dixie Hwy, Miami, FL 33146	3055558754
3	14	Coral Gables Vet Clinic	264 Grenada Blvd, Miami, FL 33146	3055559365
4	15	Blue Star Vet	78 Hillside Ave, Miami, FL 33146	3055556543

```
Index(['clinicNo', 'clinicName', 'clinicAddress', 'clinicPhoneNumber'], dtype='object')
```

#### Staff:

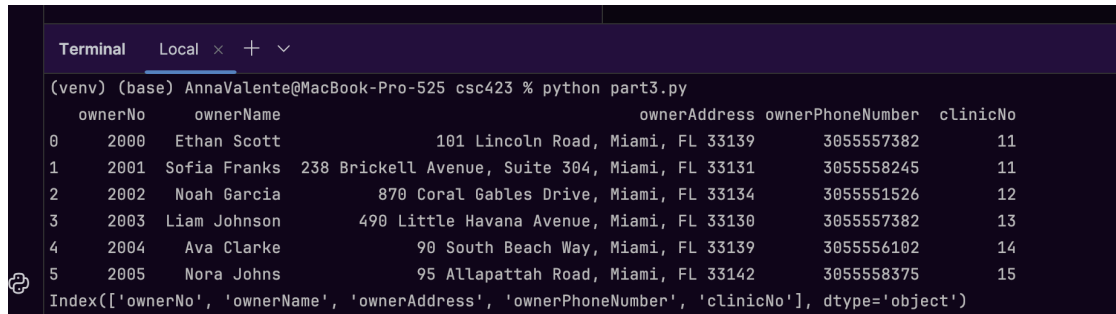


```
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```

	staffNo	staffName	staffAddress	staffDOB	staffPosition	staffSalary	clinicNo
0	1015	Lisa Martinez	5 Iguana Rd, Miami, FL 33146	06-17-1989	Veterinarian Manager	145000	11
1	1002	Henry Green	4 Glades Rd, Boca Raton, FL 33765	11-29-1965	Veterinarian	130000	11
2	1007	Gloria Hernandez	68 Pensacola Dr, Fort Lauderdale, FL 33206	04-05-1995	Veterinarian Technician	45000	11
3	1008	Robert Jones	123 Green St, Kendall, FL 33152	09-12-2000	Receptionist	35000	11
4	1003	Anthony Ramirez	1200 Sunset Drive, Miami, FL 33143	05-23-1975	Veterinarian	125000	12
5	1089	Olivia Torres	840 Coconut Grove Boulevard, Miami, FL 33133	12-25-1983	Veterinarian Manager	135000	12
6	1067	Daniel Perez	567 Wynwood Street, Miami, FL 33127	06-12-1998	Veterinarian Technician	48000	12
7	1019	Emily Woods	243 South Beach Avenue, Miami, FL 33139	10-05-2003	Receptionist	32000	12
8	1056	Clara Rhodes	1025 Little Havana Lane, Miami, FL 33130	03-29-1972	Veterinarian	111000	13
9	1055	Benjamin Cruz	475 Midtown Avenue, Miami, FL 33137	02-12-1969	Veterinarian Manager	120000	13
10	1064	Chloe Ramirez	230 Pinecrest Road, Miami, FL 33156	07-04-1950	Veterinarian	140000	14
11	1068	David Fernandez	718 Allapattah Street, Miami, FL 33142	03-04-1987	Veterinarian Manager	160000	14
12	1071	Mia Rivera	230 Pinecrest Road, Miami, FL 33156	08-29-1950	Veterinarian	112000	15
13	1072	David Fernandez	392 Bay Harbor Lane, Miami, FL 33154	05-13-1987	Veterinarian Manager	125000	15

```
Index(['staffNo', 'staffName', 'staffAddress', 'staffDOB', 'staffPosition', 'staffSalary', 'clinicNo'], dtype='object')
```

## PetOwner:

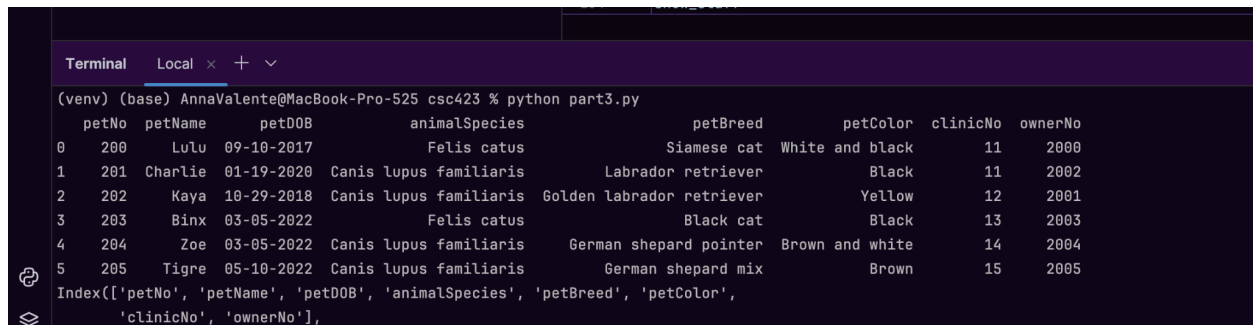


```
(venv) (base) AnnaValente@MacBook-Pro-525 csc423 % python part3.py
```

	ownerNo	ownerName	ownerAddress	ownerPhoneNumber	clinicNo
0	2000	Ethan Scott	101 Lincoln Road, Miami, FL 33139	3055557382	11
1	2001	Sofia Franks	238 Brickell Avenue, Suite 304, Miami, FL 33131	3055558245	11
2	2002	Noah Garcia	870 Coral Gables Drive, Miami, FL 33134	3055551526	12
3	2003	Liam Johnson	490 Little Havana Avenue, Miami, FL 33130	3055557382	13
4	2004	Ava Clarke	90 South Beach Way, Miami, FL 33139	3055556102	14
5	2005	Nora Johns	95 Allapattah Road, Miami, FL 33142	3055558375	15

```
Index(['ownerNo', 'ownerName', 'ownerAddress', 'ownerPhoneNumber', 'clinicNo'], dtype='object')
```

## Pet:

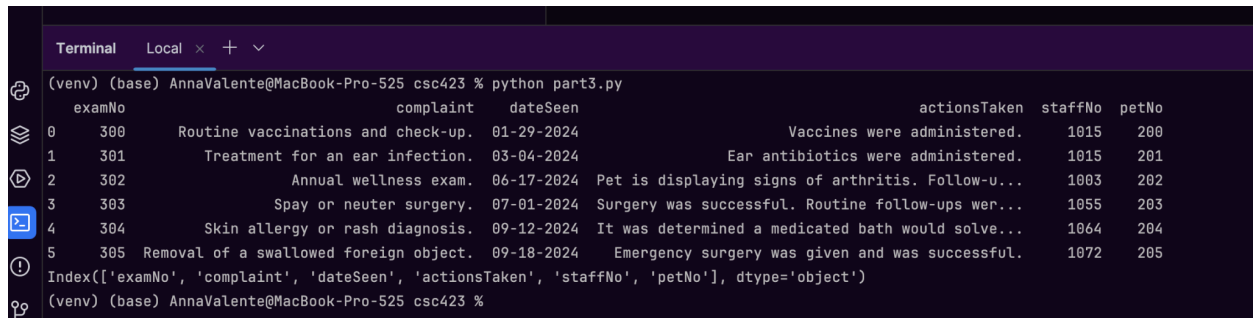


```
(venv) (base) AnnaValente@MacBook-Pro-525 csc423 % python part3.py
```

	petNo	petName	petDOB	animalSpecies	petBreed	petColor	clinicNo	ownerNo
0	200	LuLu	09-10-2017	Felis catus	Siamese cat	White and black	11	2000
1	201	Charlie	01-19-2020	Canis lupus familiaris	Labrador retriever	Black	11	2002
2	202	Kaya	10-29-2018	Canis lupus familiaris	Golden labrador retriever	Yellow	12	2001
3	203	Binx	03-05-2022	Felis catus	Black cat	Black	13	2003
4	204	Zoe	03-05-2022	Canis lupus familiaris	German shepard pointer	Brown and white	14	2004
5	205	Tigre	05-10-2022	Canis lupus familiaris	German shepard mix	Brown	15	2005

```
Index(['petNo', 'petName', 'petDOB', 'animalSpecies', 'petBreed', 'petColor', 'clinicNo', 'ownerNo'], dtype='object')
```

## Examination:



```
(venv) (base) AnnaValente@MacBook-Pro-525 csc423 % python part3.py
```

	examNo	complaint	dateSeen	actionsTaken	staffNo	petNo
0	300	Routine vaccinations and check-up.	01-29-2024	Vaccines were administered.	1015	200
1	301	Treatment for an ear infection.	03-04-2024	Ear antibiotics were administered.	1015	201
2	302	Annual wellness exam.	06-17-2024	Pet is displaying signs of arthritis. Follow-u...	1003	202
3	303	Spay or neuter surgery.	07-01-2024	Surgery was successful. Routine follow-ups wer...	1055	203
4	304	Skin allergy or rash diagnosis.	09-12-2024	It was determined a medicated bath would solve...	1064	204
5	305	Removal of a swallowed foreign object.	09-18-2024	Emergency surgery was given and was successful.	1072	205

```
Index(['examNo', 'complaint', 'dateSeen', 'actionsTaken', 'staffNo', 'petNo'], dtype='object')
```

### 3d. Updated table contents of the 5 SQL queries responding to 2C:

*The queries used to update/fetch from the database can be found in the code, as well as the SELECT statements that were used to show the updated tables following the queries.*

1. Register a new pet with the Clinic “Healthy Paws” (clinicNo 0011). The pet’s name is “Brandy” and was born May 5, 2017; is a dog and a yellow golden retriever; and her owner is

Jane Smith (petOwnerNo = 189). Jane Smith's address is 123 Yellow Road, Coral Gables, FL 33146, and her phone number is 305-555-1234.

*Assume that 'Healthy Paws' is already in the database.*

### Pet:

Registered new pet and owner successfully.

	petNo	petName	petDOB	animalSpecies	petBreed	petColor	clinicNo	ownerNo
0	200	Lulu	09-10-2017	Felis catus	Siamese cat	White and black	11	2000
1	201	Charlie	01-19-2020	Canis lupus familiaris	Labrador retriever	Black	11	2002
2	202	Kaya	10-29-2018	Canis lupus familiaris	Golden Labrador retriever	Yellow	12	2001
3	203	Binx	03-05-2022	Felis catus	Black cat	Black	13	2003
4	204	Zoe	03-05-2022	Canis lupus familiaris	German shepard pointer	Brown and white	14	2004
5	205	Tigre	05-10-2022	Canis lupus familiaris	German shepard mix	Brown	15	2005
6	206	Brandy	2017-05-05	Dog	Golden Retriever	Yellow	11	2189

Index(['petNo', 'petName', 'petDOB', 'animalSpecies', 'petBreed', 'petColor',

### PetOwner:

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Registered new pet and owner successfully.

	ownerNo	ownerName	ownerAddress	ownerPhoneNumber	clinicNo
0	2000	Ethan Scott	101 Lincoln Road, Miami, FL 33139	3055557382	11
1	2001	Sofia Franks	238 Brickell Avenue, Suite 304, Miami, FL 33131	3055558245	11
2	2002	Noah Garcia	870 Coral Gables Drive, Miami, FL 33134	3055551526	12
3	2003	Liam Johnson	490 Little Havana Avenue, Miami, FL 33130	3055557382	13
4	2004	Ava Clarke	90 South Beach Way, Miami, FL 33139	3055556102	14
5	2005	Nora Johns	95 Allapattah Road, Miami, FL 33142	3055558375	15
6	2189	Jane Smith	123 Yellow Road, Coral Gables, FL 33146	3055557382	11

Index(['ownerNo', 'ownerName', 'ownerAddress', 'ownerPhoneNumber', 'clinicNo'], dtype='object')

2. An examination (examNo = 0021) is scheduled for Charlie, a black Labrador retriever (petNo = 201), at the clinic "Healthy Paws" (clinicNo = 0011). The examination was conducted by Lisa Martinez (staffNo = 1015) on November 20, 2024. The complaint is "persistent itching," and the description notes "allergic reaction suspected." Actions taken include "skin test and prescribed hypoallergenic shampoo."

*Assume that Charlie and 'Healthy Paws' are already in the database.*

### Examination:

```
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(venv) (base) AnnaValente@MacBook-Pro-525 csc423 % python part3.py
Registered new pet and owner successfully.
Scheduled examination for Charlie successfully.
  examNo      complaint      dateSeen      actionsTaken      staffNo      petNo
0      300  Routine vaccinations and check-up.  01-29-2024      Vaccines were administered.  1015      200
1      301    Treatment for an ear infection.  03-04-2024      Ear antibiotics were administered.  1015      201
2      302    Annual wellness exam.  06-17-2024  Pet is displaying signs of arthritis. Follow-u...  1003      202
3      303    Spay or neuter surgery.  07-01-2024  Surgery was successful. Routine follow-ups wer...  1055      203
4      304    Skin allergy or rash diagnosis.  09-12-2024  It was determined a medicated bath would solve...  1064      204
5      305  Removal of a swallowed foreign object.  09-18-2024  Emergency surgery was given and was successful.  1072      205
6      306    Persistent itching  11-20-2024  Skin test and prescribed hypoallergenic shampoo  1015      201
Index(['examNo', 'complaint', 'dateSeen', 'actionsTaken', 'staffNo', 'petNo'], dtype='object')
(venv) (base) AnnaValente@MacBook-Pro-525 csc423 %
```

3. List details of the examinations performed by the staff member Lisa Martinez (staffNo = 1015) at the clinic “Healthy Paws” (clinicNo = 0011).  
*Assume Lisa Martinex and ‘Healthy Paws’ are already in the database.*

```
Examinations by Lisa Martinez at 'Healthy Paws':
  examNo      complaint      dateSeen      actionsTaken      petName      staffName
0      300  Routine vaccinations and check-up.  01-29-2024      Vaccines were administered.  Lulu  Lisa Martinez
1      301    Treatment for an ear infection.  03-04-2024      Ear antibiotics were administered.  Charlie  Lisa Martinez
2      306    Persistent itching  11-20-2024  Skin test and prescribed hypoallergenic shampoo  Charlie  Lisa Martinez
Empty DataFrame
Columns: [examNo, complaint, dateSeen, actionsTaken, petName, staffName]
Index: [0, 1, 2]
```

4. Fetch all of the staff’s name and position, and the staff manager’s name, position, and salary, for the clinic “Healthy Paws” (clinicNo = 0011).  
*Assume ‘Healthy Paws’ is already in the database and has staff members.*

```
Staff and Manager details for 'Healthy Paws':
  staffName      position      managerName      managerSalary
0  Lisa Martinez  Veterinarian Manager  Lisa Martinez      145000
1   Henry Green      Veterinarian  Lisa Martinez      145000
2  Gloria Hernandez  Veterinarian Technician  Lisa Martinez      145000
3   Robert Jones      Receptionist  Lisa Martinez      145000
Empty DataFrame
Columns: [staffName, position, managerName, managerSalary]
Index: [0, 1, 2, 3]
```

5. Henry Green (staffNo = 1002), currently a “Veterinarian” that makes \$130,000 a year, was born April 5, 1983. He was promoted to Clinic Manager for “Healthy Paws” (clinicNo = 0011) on November 22, 2024. His official updated position is "Veterinarian and Clinic Manager," with a salary adjustment to \$150,000 per year.  
*Assume ‘Healthy Paws’ and Henry Green are already in the database.*

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Promoted Henry Green successfully.

	staffNo	staffName	staffAddress	staffDOB	staffPosition	staffSalary	clinicNo
0	1015	Lisa Martinez	5 Iguana Rd, Miami, FL 33146	06-17-1989	Veterinarian Manager	145000	11
1	1002	Henry Green	4 Glades Rd, Boca Raton, FL 33765	11-29-1965	Veterinarian and Clinic Manager	150000	11
2	1008	John Hernandez	1000 S. S. Fitch Rd, Boca Raton, FL 33431	01-05-1988	Veterinarian	150000	11