

Andreea Ibanescu
Project 2

CSCI 331
ID: 23930778

Creating a table for Dog Owners:

```
CREATE TABLE Owner
( Owner_ID int primary key,
  Owner_Name varchar(30),
  Owner_email varchar(30),
  stAddress varchar(40),
  City varchar(20),
  State varchar(2),
  Zip int
);
```

Creating a table to handle Owners having Multiple phone numbers:

```
CREATE TABLE Owner_Phone
( Owner_ID int,
  Phone varchar(15),
  primary key( Owner_ID, Phone),
  foreign key(Owner_ID)
  REFERENCES OWNER(Owner_ID)
);
```

Creating a table for Dog Ownership:

```
CREATE TABLE Dog
( Dog_ID int primary key,
  dog_Name varchar(30),
  Breed varchar(20),
  Weight int,
  dateOfBirth varchar(15),
  Age int,
  Foreign key(Owner_ID),
  Photo varchar(1),
  REFERENCES OWNER(Owner_ID)
);
```

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Creating a table to handle dogs who have different/previous Owners:

```
CREATE TABLE PreviousOwners  
( PreviousOwner_ID int primary key,  
Foreign key(Dog_ID)  
OwnerName varchar(30),  
REFERENCES DOG(Dog_ID)  
);
```

Creating a table for tickets with violations:

```
CREATE TABLE tickets  
( Ticket_ID int primary key,  
Foreign key(Owner_ID),  
Foreign key(Dog_ID),  
violationType varchar(30),  
Fine int,  
dateOfViolation varchar(40),  
currentStatus varchar(40),  
REFERENCES OWNER(Owner_ID),  
REFERENCES DOG(Dog_ID)  
);
```

Once the tables were created, I downloaded the NYC Open Source Data (1,000 Dog Records) into my database.

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Dog_ID	Owner_ID	Dog_Name	AnimalGender	DateOfBirth	BreedName	LicenseIssuedDate	LicenseExpiredDate	Weight	Photo
1	1	PAIGE	F	2014	American Pit Bull Mix / Pit Bull Mix	09/12/2014	09/12/2017	23	HULL
2	1	YOGI	M	2010	Boxer	09/12/2014	10/02/2017	2	HULL
3	1	ALI	M	2014	Basenji	09/12/2014	09/12/2019	1	HULL
4	1	QUEEN	F	2013	Akita Crossbreed	09/12/2014	09/12/2017	2	HULL
5	1	LOLA	F	2009	Maltese	09/12/2014	10/09/2017	3	HULL
6	1	IAN	M	2006	Unknown	09/12/2014	10/30/2019	2	HULL
7	1	BUDDY	M	2008	Unknown	09/12/2014	10/20/2017	2	HULL
8	1	CHEWBACCA	F	2012	Labrador Retriever Crossbreed	09/12/2014	10/01/2019	4	HULL
9	1	HEIDI-BO	F	2007	Dachshund Smooth Coat	09/13/2014	04/16/2017	4	HULL
10	1	MASSIMO	M	2009	Bull Dog, French	09/13/2014	09/17/2017	4	HULL
11	1	LOLA	F	2006	Miniature Pinscher	09/13/2014	10/03/2019	1	HULL
12	2	LEMMY	F	2005	Yorkshire Terrier	09/13/2014	10/26/2017	1	HULL
13	2	LUCY	F	2014	Dachshund Smooth Coat Miniature	09/13/2014	09/13/2019	3	HULL
14	2	RICKY	M	2014	German Shepherd Dog	09/13/2014	09/13/2017	2	HULL
15	2	SARAH	F	2012	Unknown	09/13/2014	09/13/2017	2	HULL
16	2	MURPHY	M	2012	American Pit Bull Mix / Pit Bull Mix	09/13/2014	09/28/2017	2	HULL
17	2	JUNE	F	2010	Cavalier King Charles Spaniel	09/13/2014	10/28/2019	4	HULL
18	2	ELIZABETH	F	2013	Cavalier King Charles Spaniel	09/13/2014	09/13/2019	3	HULL
19	2	AVERY	F	2014	American Pit Bull Terrier/Pit Bull	09/13/2014	09/13/2019	3	HULL
20	3	SOPHIE	F	2011	Boxer	09/13/2014	10/23/2019	3	HULL
21	3	OTIS	F	2001	Unknown	09/13/2014	09/29/2017	3	HULL
22	3	BENSON	M	2010	Boxer	09/13/2014	10/29/2019	3	HULL
23	3	BIGS	M	2004	American Pit Bull Terrier/Pit Bull	09/13/2014	10/27/2019	3	HULL
24	3	LOGAN	M	2003	Unknown	09/13/2014	10/30/2017	1	HULL
25	4	BESS	F	2010	Beagle	09/13/2014	09/13/2016	1	HULL
26	4	APPLE	M	2013	Havanese	09/13/2014	10/16/2019	1	HULL
27	4	MUNECA	F	2013	Beagle	09/13/2014	09/13/2019	1	HULL
28	4	DOTTIE	F	2013	Poodle, Standard	09/13/2014	09/13/2017	1	HULL

Result Grid				Filter Rows:	
	Owner_ID	Phone			
▶	1	917-242-2422			
	1	917-999-4444			
	1	918-424-2493			
	1	932-284-3809			
	2	917-342-2422			
	3	917-242-4022			
	NULL	NULL			

	Owner_ID	Owner_Name	Owner_Email	stAddress	City	State	Zip	
	3	Madelyn Beltran	Madelynbeltran@yahoo.com	2782 4th	meow	PA	28483	
	4	Edith Mullen	edithmullen@gmail.com	2848 3th	dog	MA	28473	
	5	Bailee George	bailee@gmail.com	82842 3th	hut	CA	24762	
	6	Evie Little	evie2429@gmail.com	2948 3th	buger	TX	83763	
	7	Silias Gilmore	gilmore@gmail.com	3842 9th	tech	NC	22113	
	8	Hunter Millis	hunterforever@gmail.com	23 48th	may	CA	11377	
	9	Darion Leigh	Dariongamer@gmail.com	239 28th	london	MA	12342	
	10	Anabel Schmitt	anabellthedoll@gmail.com	0982 9th	hunt	AR	23242	
	11	Amira Wheeler	amira@gmail.com	2984 42th	oreg	OR	99822	
	12	Julien Berger	julianthegreat@gmail.com	292 8th	small	VT	23928	
	13	Mason Myers	mm@yahoo.com	294 29th	widzer	WI	12318	
	14	Kristen Leon	KL@gmail.com	2487th 20th	catslife	MO	13528	
	15	Delaney Duke	Delaneyduke@yahoo.com	982 33th	Phone	PA	13928	
	16	Fabin Mills	fmm298@gmail.com	2829 22th	Purse	UT	11388	
	17	Noah Brandt	wiwifh@yahoo.com	2941 29th	Heart	WY	13988	
	18	Rafael Roberts	robertsiphone@gmail.com	919 29th	Red	MT	19982	
	19	Katrina Ganna	KatrinaVampire@gmail.com	1129 2th	Jam	OK	88793	
	20	Elsie Fleming	Elsiespider@gmail.com	2922 th	Apple	VA	19831	

	Dog_ID	PreviousOwnerName	
▶	1	Dawson Mapple	
	1	Paige Millies	
	2	Jae Red	
	3	Mark Irish	
	4	Masion Jar	
	NULL	NULL	

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	Ticket_ID	Dog_ID	violationType	Fine	dateOfViolation	currentStatus	
▶	1	1	litter	500	1/12/22	paid	
	2	44	litter	500	1/13/21	overdue	
	3	4	no leash	100	5/24/22	paid	
	4	3	no leash	100	6/2/21	overdue	
	5	25	no leash	100	8/13/21	paid	
	6	6	no leash	100	9/12/20	paid	
	7	22	no dogs allowed	200	5/2/21	paid	
	8	3	bite	1000	3/3/20	processing	
	9	14	bite	1000	5/6/21	paid	
	10	33	loud barking	200	2/6/20	processing	
	11	NULL	loud barking	200	12/2/19	paid	
	NULL	NULL	NULL	NULL	NULL	NULL	