Yog Chaudhary
11727095
ADTA 5250: Large Data Visualization
Professor: Dr. LeAnn K Boyce
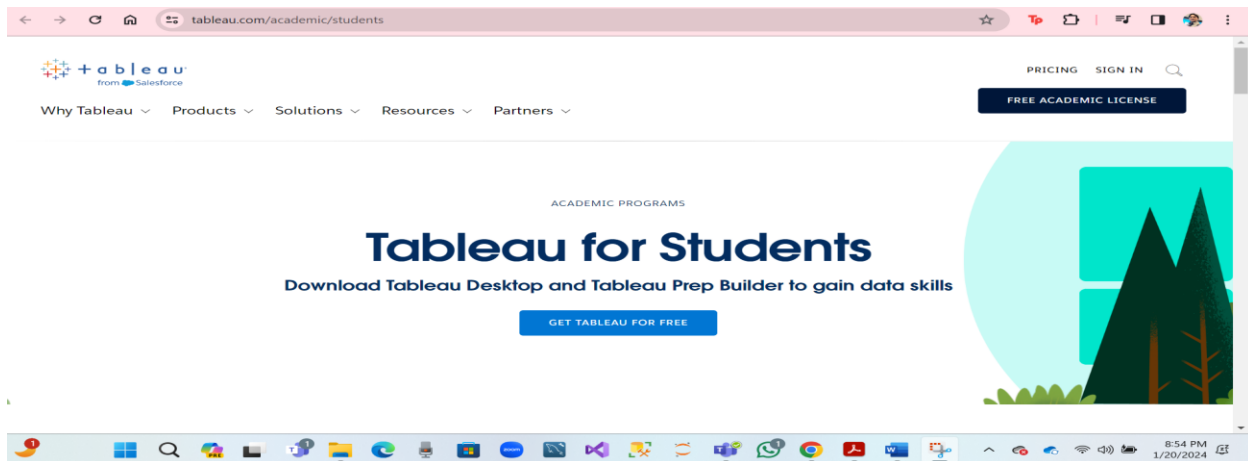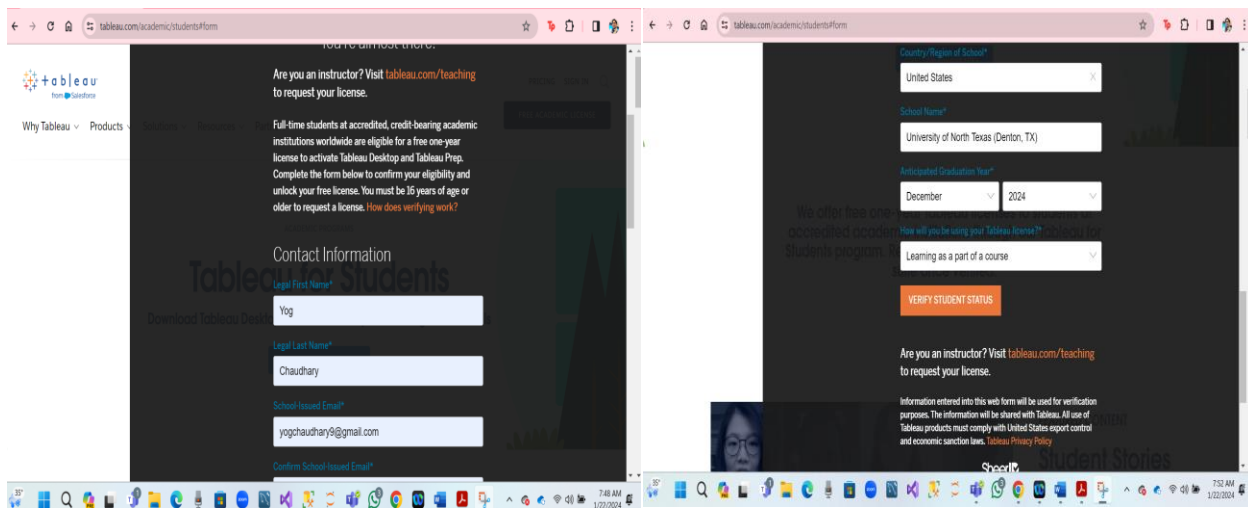**University Of North Texas**   **Jan 21, 2024**

Part 1: Download, Installing Tableau, Tableau Prep, and Picking Sales_records_1D.csv Dataset

Visit: https://www.tableau.com/academic/students

- Click on.
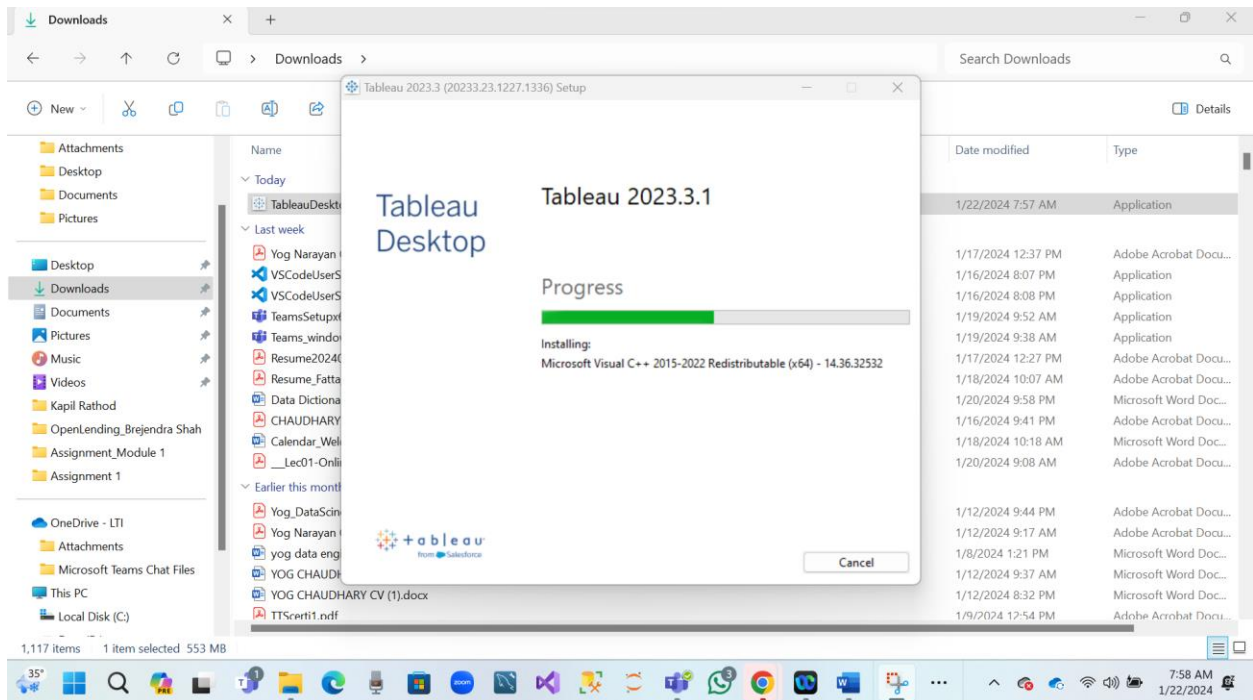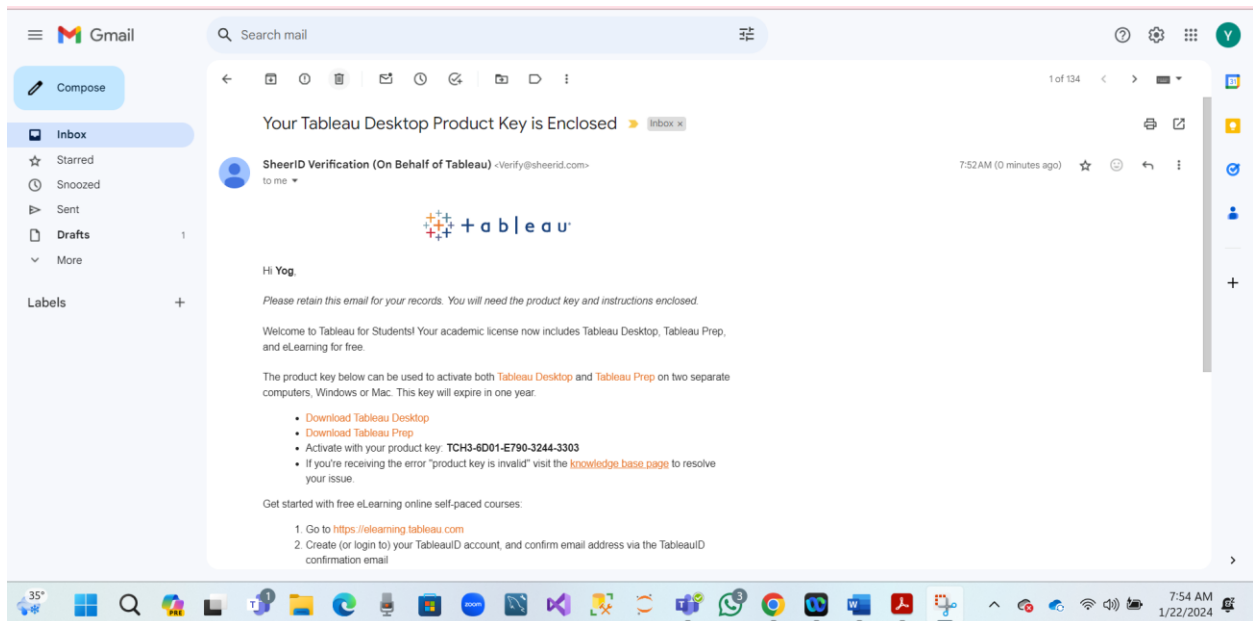- Hare Screenshot.
- Download Tableau
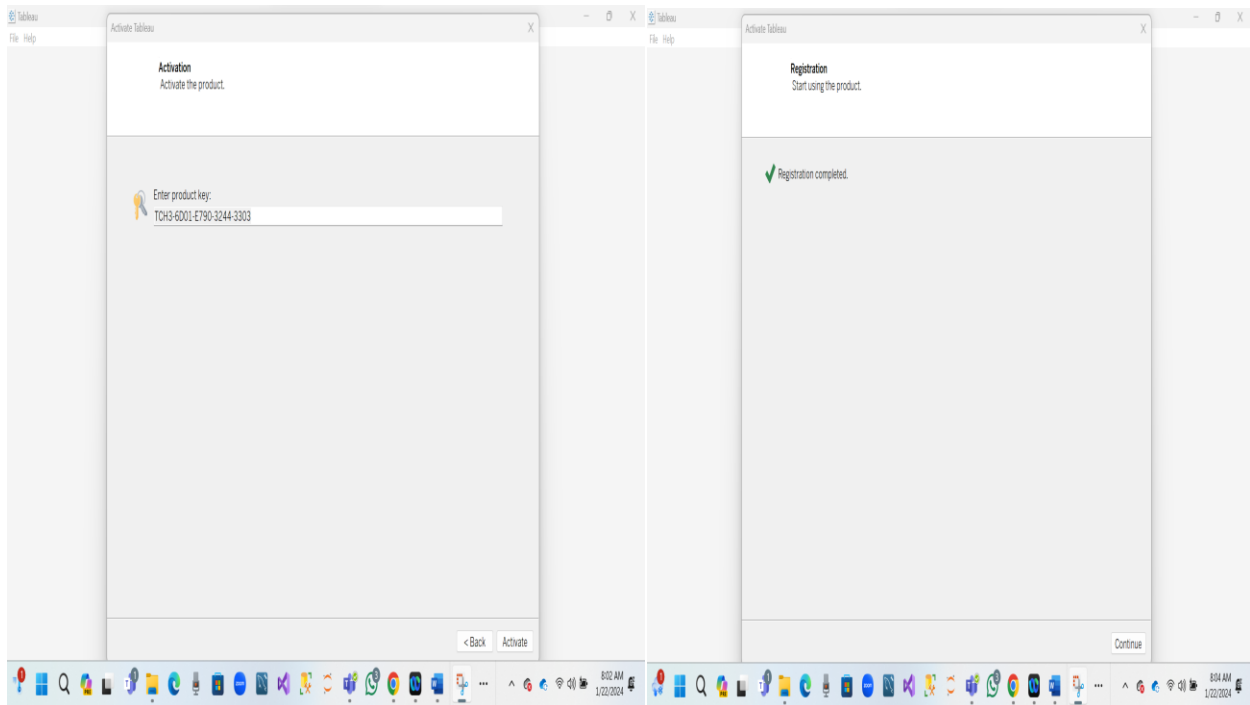

- Click on Tableau
- Get Tableau for free.

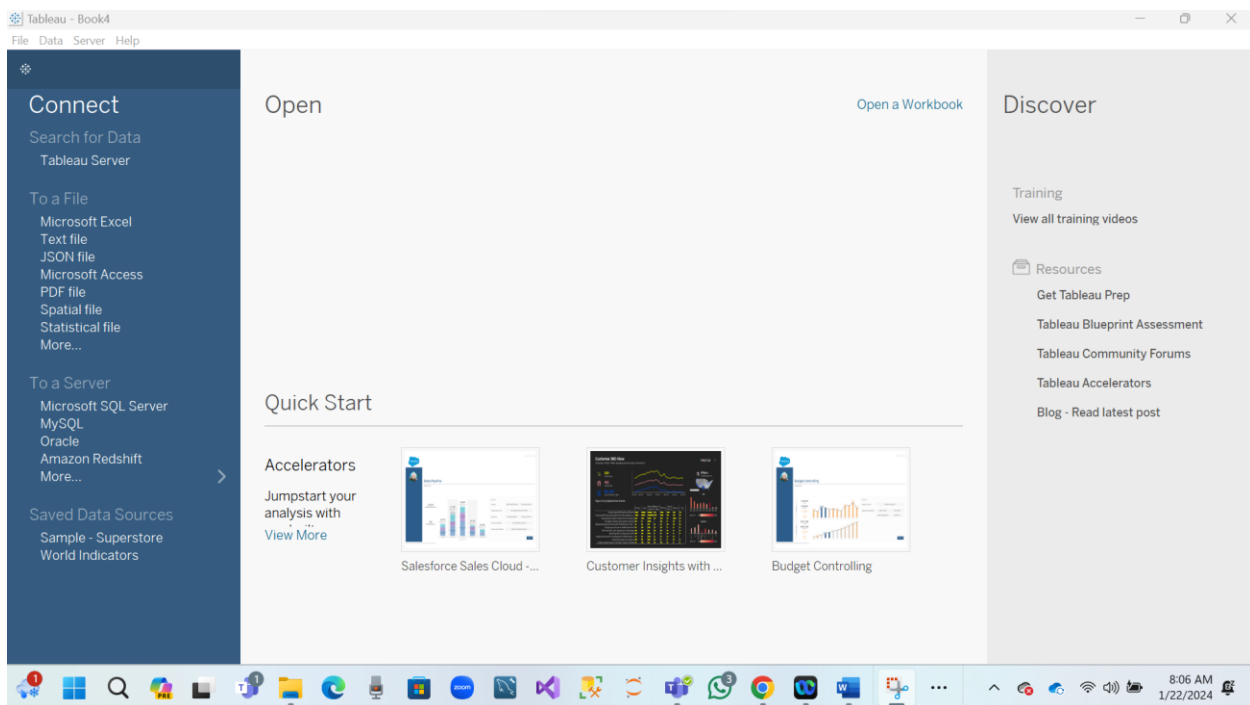- Click on Verify student status.

- Click on Verify email.

- Click on verify email and enter the Activation code.
- Hare screenshot

- Click on continue.

- Successfully, Download, Installed, and Tableau Desktop.
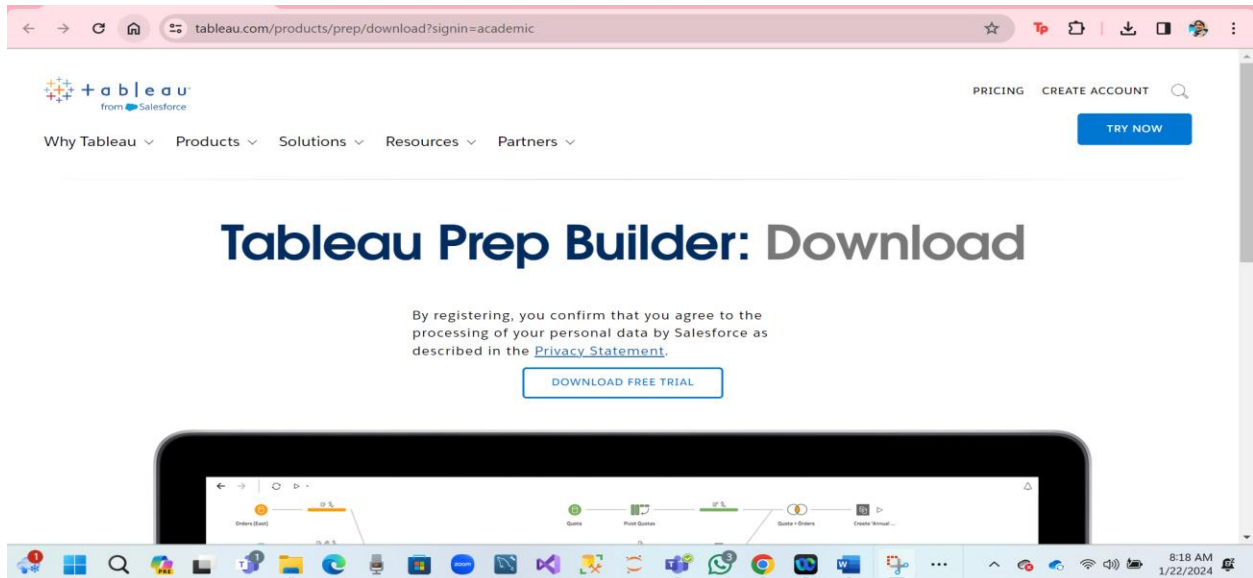
- Click on download Tableau Prep Builder.
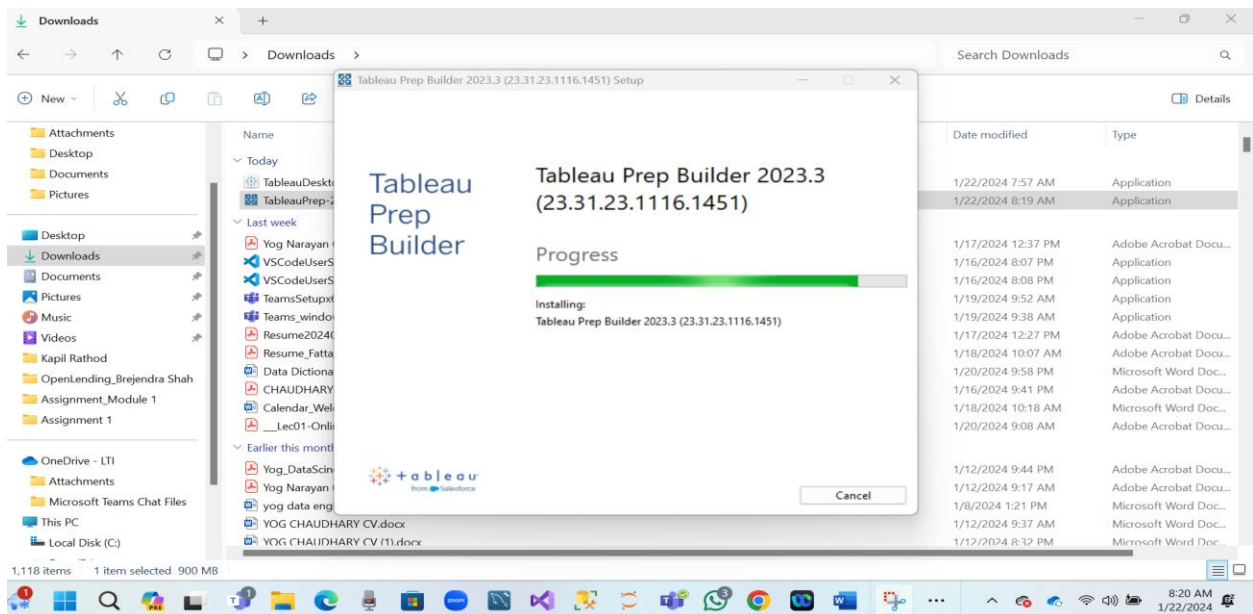
- Hare Screenshot
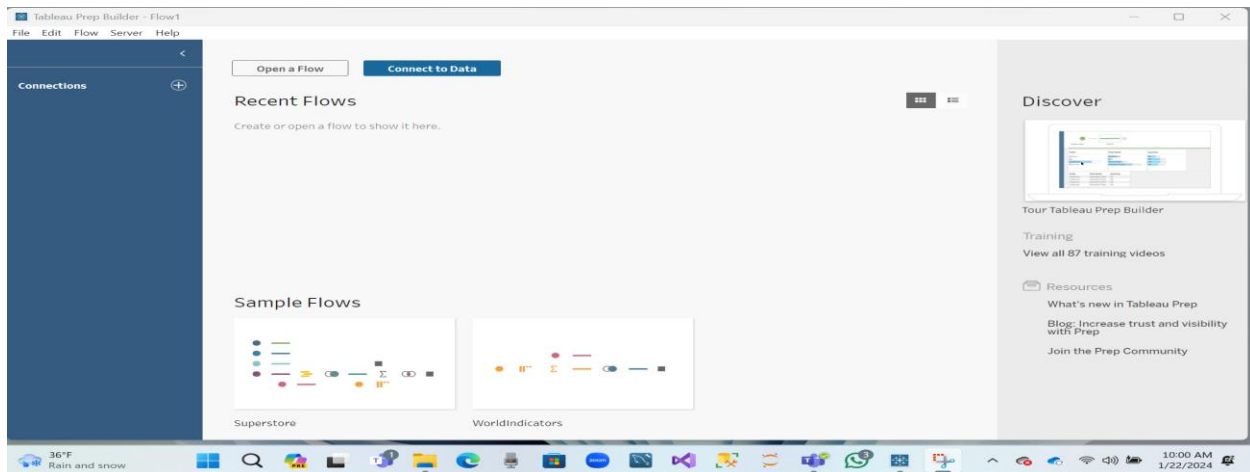
- Successfully, Download, Installed, and Tableau Prep Builder

2. Choose a dataset from the Google https://forms.gle/ozuY4YdVuG4RydTE8

3. Write a data dictionary for your dataset.

- Taking new dataset Sales_records_1D.csv
- Sales_records_1D.csv dataset uploaded Tableau.

- Hare screenshot

- Finally, Successful uploaded data Sales_records_1D.csv

DATASET: DOGS

Data Dictionaries

Table: dogs_descriptions

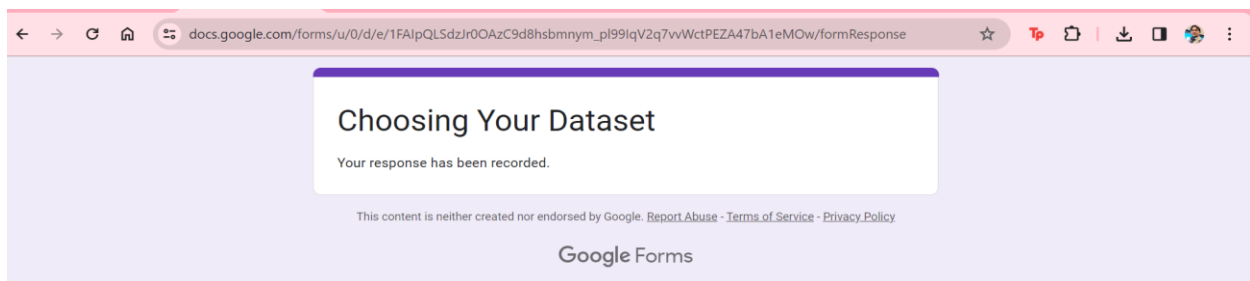| Field Name	Description	Data Type	Data Format	Measure/Dimension	Example
id	Unique identifier for each entry	Numeric	Integer	Unique identifier	46042150
org_id	Organization identifier	Alphanumeric	String	Categorization	NV163
url	URL link to the dog's information page	Alphanumeric	String (URL)	Reference	https://www.petfinder.com/dog/ranger-42081161/ny/brewster/the-upper-paw-professional-dog-training-and-rescue-ny1362/?referrer_id=87b31e7d-4508-41d1-95ff-fdb59b9d4669
species	Type of animal (e.g., Dog)	Alphanumeric	String	Categorization	Dog
breed_primary	Primary breed of the dog	Alphanumeric	String	Categorization	American Staffordshire Terrier
breed_secondary	Secondary breed of the dog	Alphanumeric	String	Categorization	Mixed Breed
breed_mixed	Indicates whether the dog is of mixed breed	Boolean	TRUE/FALSE	Categorization	TRUE
breed_unknown	Indicates whether the	Boolean	TRUE/FALSE	Categorization	FALSE

	breed is unknown				
color_primary	Primary color of the dog	Alphanumeric	String	Categorization	White / Cream
color_secondary	Secondary color of the dog	Alphanumeric	String	Categorization	Yellow / Tan / Blond / Fawn
color_tertiary	Tertiary color of the dog	Alphanumeric	String	Categorization	NA (Not Available)
age	Age category of the dog	Alphanumeric	String	Categorization	Senior
sex	Gender of the dog	Alphanumeric	String	Categorization	Male
size	Size category of the dog	Alphanumeric	String	Categorization	Medium
coat	Coat type of the dog	Alphanumeric	String	Categorization	Short
fixed	Indicates whether the dog is fixed (neutered/spayed)	Boolean	TRUE/FALSE	Categorization	TRUE
house_trained	Indicates whether the dog is house trained	Boolean	TRUE/FALSE	Categorization	TRUE
declawed	Indicates whether the dog is declawed	Boolean	TRUE/FALSE	Categorization	NA (Not Applicable)
special_needs	Indicates whether the dog has special needs	Boolean	TRUE/FALSE	Categorization	FALSE

shots_current	Indicates whether the dog's shots are current	Boolean	TRUE/FALSE	Categorization	TRUE
env_children	Indicates the dog's compatibility with children	Boolean	TRUE/FALSE	Categorization	NA (Not Applicable)
env_dogs	Indicates the dog's compatibility with other dogs	Boolean	TRUE/FALSE	Categorization	TRUE
env_cats	Indicates the dog's compatibility with cats	Boolean	TRUE/FALSE	Categorization	NA (Not Applicable)
name	Name of the dog	Alphanumeric	String	Identification	HARLEY
tags	Additional tags associated with the dog	Alphanumeric	String	Categorization	a little active|chill
photo	(Not provided in the given data)	(Not provided in the given data)	N/A	(Not provided in the given data)	N/A
status	Indicates the adoption status of the dog	Alphanumeric	String	Categorization	adoptable
posted	Date and time when the information was posted	Interval	DD/MM/YYYY	Dimension	2019-09-20T16:37:59+0000

Field Name	Description	Data Type	Data Format	Measure/Dimension	Example
contact_city	City where the contact is located	Alphanumeric	String	Location	Las Vegas
contact_state	State where the contact is located	Alphanumeric	String	Location	NV
contact_zip	ZIP code of the contact location	Alphanumeric	String	Location	89147
contact_country	Country where the contact is located	Alphanumeric	String	Location	US
stateQ	State quote	Numeric	Integer	Unique identifier	89009
accessed	Date when the data was accessed	(Not provided in the given data)	DD/MM/YYYY	Dimension	9/20/2019
type	Type of the entry (e.g., Dog)	Alphanumeric	String	Categorization	Dog
description	Description of the dog	Alphanumeric	String	Description	Harley is not sure how he wound up at the shelter...

Table: dogs_travel

Field Name	Description	Data Type	Data Format	Measure/Dimension	Example

id	Unique identifier for each entry	Numeric	Integer	Unique identifier	46005819
contact_city	City where the contact is located	Alphanumeric	String	Location	Alexandria
contact_state	State where the contact is located	Alphanumeric	String	Location	VA
description	Description of the dog	Alphanumeric	Text	Description	"ADOPT ME ONLINE: ...description..."
found	Indicates whether the dog has been found or not	Boolean	NA	N/A	TRUE
manual	Manual entry related to Kentucky	Alphanumeric	String	Categorization	NC
remove	Indicates whether the dog should be removed or not	Boolean	NA	N/A	TRUE
still_there	(Not provided in the given data)	N/A	N/A	N/A	NA

Table: breed_rank

Field Name	Description	Data Type	Data Format	Measure/Dimension	Example
Breed	Dog breed	Alphanumeric	String	Categorization	Retrievers (Labrador), French Bulldogs

2013 Rank	Rank of the breed in 2013	Numeric	Integer	Rank	1 (Labrador), 11 (French Bulldogs)
2014 Rank	Rank of the breed in 2014	Numeric	Integer	Rank	1 (Labrador), 9 (French Bulldogs)
2015 Rank	Rank of the breed in 2015	Numeric	Integer	Rank	1 (Labrador), 6 (French Bulldogs)
2016 Rank	Rank of the breed in 2016	Numeric	Integer	Rank	1 (Labrador), 6 (French Bulldogs)
2017 Rank	Rank of the breed in 2017	Numeric	Integer	Rank	1 (Labrador), 4 (French Bulldogs)
2018 Rank	Rank of the breed in 2018	Numeric	Integer	Rank	1 (Labrador), 4 (French Bulldogs)
2019 Rank	Rank of the breed in 2019	Numeric	Integer	Rank	1 (Labrador), 4 (French Bulldogs)

2020 Rank	Rank of the breed in 2020	Numeric	Integer	Rank	1 (Labrador), 2 (French Bulldogs)
Links	Web links to breed information	Alphanumeric	String	N/A	Labrador, French Bulldogs
Image	Web links to breed images	Alphanumeric	String	N/A	

Table: breed_traits

Field Name	Description	Data Type	Data Format	Measure/Dimension	Example
Breed	Dog breed	Alphanumeric	String	Categorization	Retrievers (Labrador)
Affectionate With Family	Affection level with family	Numeric	Integer	Scale (1-5)	5
Good With Young Children	Compatibility with children	Numeric	Integer	Scale (1-5)	5
Good With Other Dogs	Compatibility with other dogs	Numeric	Integer	Scale (1-5)	4
Shedding Level	Amount of shedding	Numeric	Integer	Scale (1-5)	3

Coat Grooming Frequency	Grooming frequency for the coat	Numeric	Integer	Scale (1-5)	2
Drooling Level	Level of drooling	Numeric	Integer	Scale (1-5)	2
Coat Type	Type of coat	Alphanumeric	String	Categorization	Double
Coat Length	Length of the coat	Alphanumeric	String	Categorization	Short
Openness To Strangers	Openness to strangers	Numeric	Integer	Scale (1-5)	5
Playfulness Level	Playfulness with family	Numeric	Integer	Scale (1-5)	5
Watchdog/Protective Nature	Watchdog or protective nature	Numeric	Integer	Scale (1-5)	3
Adaptability Level	Adaptability to new environments	Numeric	Integer	Scale (1-5)	5
Trainability Level	Trainability for commands	Numeric	Integer	Scale (1-5)	5
Energy Level	Level of energy	Numeric	Integer	Scale (1-5)	5
Barking Level	Barking tendency	Numeric	Integer	Scale (1-5)	3
Mental Stimulation Needs	Need for mental stimulation	Numeric	Integer	Scale (1-5)	4

Table: dog_moves

Field Name	Description	Data Type	Data Format	Measure/Dimension	Example

location	Location	Alphanumeric	String	Categorization	Texas
exported	Exported	Numeric	Integer	Count	635
imported	Imported	Numeric	Integer	Count	NA
total	Total	Numeric	Integer	Count	566
inUS	In US	Boolean	TRUE/FALSE	Categorization	TRUE