

Final_Report

2025-12-03

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
install.packages("readxl")  
  
## Installing package into '/usr/local/lib/R/site-library'  
## (as 'lib' is unspecified)
```

Data Ingest

```
## [1] "Data Summary"           "Final Data"  
## [3] "Experiment Tracker"     "Consolidated Data - Static"  
## [5] "Consolidated Data - Dynamic" "REMOVED"  
## [7] "OUTCOME"                 "All - AdoptAPet"  
## [9] "All - PetPoint"          "AnimalInventory - PetPoint"  
## [11] "Pivot Data"              "PreTreat LOS"  
## [13] "PreTreat - All Data Reserve" "PreTreat DogTraffic"  
## [15] "Breed Group"             "InitialRandom_10_07_25"  
## [17] "Randomize_10_18_25"       "Randomize_10_20_25"  
## [19] "Randomize_11_17_25"       "AnimalInventory- December 1"  
## [21] "Adopt-a-Pet.com December 1"  
  
##      Pet_ID   Rescue_ID      Name - AdoptAPet Breed Group  
##      <num>    <char>      <char>      <char>  
##  1: 42938868 A0056684348 Chucky [Foster Home] Stigma  
##  2: 43635040 A0057142369 Sebastian Stigma  
##  3: 44475813 A0057829377 Woodstock Stigma  
##  4: 44937909 A0057718939 Goose Stigma  
##  5: 44938825 A0058276398 Koko Stigma  
##  6: 44937929 A0058018080 Zorua [Foster Home] Stigma  
##  7: 45190855 A0058719090 Ava Grace Stigma  
##  8: 45190845 A0058705427 Cole [Foster Home] Non-Stigma  
##  9: 45190901 A0058730783 Kim Non-Stigma  
## 10: 45346221 A0058760517 Tanya Non-Stigma  
## 11: 45472786 A0058873126 Gretchen Stigma  
## 12: 45472762 A0058881642 Journey [Foster Home] Non-Stigma  
## 13: 45472546 A0058760472 Kirby Stigma  
## 14: 45472971 A0058922485 Landon Non-Stigma  
## 15: 45472996 A0051746637 Ralph Non-Stigma  
## 16: 45472654 A0058760527 Twister Non-Stigma  
## 17: 45472979 A0058904337 Yukiko [Foster Home] Stigma  
## 18: 45606391 A0059040305 Auggie Stigma
```

## 19:	45606729	A0059026516	Lotus [Foster Home]	Stigma
## 20:	45763896	A0059021778	Craig	Non-Stigma
## 21:	45763997	A0059031537	Dingo [Foster Home]	Non-Stigma
## 22:	45764004	A0059058634	Elliott	Stigma
## 23:	45764020	A0059197919	Emmett	Non-Stigma
## 24:	45764028	A0059218846	Feta	Non-Stigma
## 25:	45764063	A0059211510	Pocahontas [Foster To Adopt]	Non-Stigma
## 26:	45764075	A0059197970	Roux	Stigma
## 27:	45764080	A0059072755	Royal	Stigma
## 28:	45793976	A0059040345	Deebo	Stigma
## 29:	45968241	A0059233187	Captain Crunch [Foster Home]	Non-Stigma
## 30:	45970439	A0059240393	Cheech	Non-Stigma
## 31:	45968065	A0059193976	Claudia	Stigma
## 32:	45970275	A0059350629	Homer	Non-Stigma
## 33:	45968028	A0058928950	Jovi	Non-Stigma
## 34:	45969286	A0058872904	Luca [Foster Home]	Non-Stigma
## 35:	45969536	A0059262241	Madre [Foster Home]	Non-Stigma
## 36:	45970242	A0059350618	Marge	Non-Stigma
## 37:	45969485	A0059250430	Mary [Foster Home]	Stigma
## 38:	45968036	A0058929883	Max	Non-Stigma
## 39:	45969340	A0059250424	Maya [Foster To Adopt]	Stigma
## 40:	45970198	A0059318148	Rooster	Non-Stigma
## 41:	45969530	A0059258024	Shells [Foster Home]	Stigma
## 42:	45968103	A0059200388	Tramp	Stigma
## 43:	45968075	A0059055232	Vanna	Non-Stigma
## 44:	46184776	A0059407357	Bruno	Non-Stigma
## 45:	46184787	A0059445995	Deeno	Non-Stigma
## 46:	46184800	A0059531269	Earl	Non-Stigma
## 47:	46184805	A0059565213	Fufu	Non-Stigma
## 48:	46184679	A0059431975	Gomez	Non-Stigma
## 49:	46184656	A0059304713	Gunner	Non-Stigma
## 50:	46184864	A0059395399	Harry	Stigma
## 51:	46184910	A0059362072	Hershey	Non-Stigma
## 52:	46184923	A0059354378	Java	Non-Stigma
## 53:	46184930	A0059288140	Lainey	Stigma
## 54:	46184949	A0059340484	Moana	Non-Stigma
## 55:	46184619	A0059055106	Reno	Stigma
## 56:	46185064	A0059406803	Rocky	Stigma
## 57:	46185077	A0059531197	Rufus	Non-Stigma
##	Pet_ID	Rescue_ID	Name - AdoptAPet	Breed Group
##	Treatment	Group	Outcome	
##		<num>	<char>	
## 1:		1	None	
## 2:		0	None	
## 3:		0	None	
## 4:		1	None	
## 5:		1	Adopted	
## 6:		1	None	
## 7:		0	None	
## 8:		1	None	
## 9:		1	None	
## 10:		0	None	
## 11:		0	None	
## 12:		0	None	

```

## 13:          1           None
## 14:          0           Adopted
## 15:          1           Adopted
## 16:          1           None
## 17:          0           None
## 18:          0           Adopted
## 19:          1           None
## 20:          1           None
## 21:          1           None
## 22:          0           None
## 23:          0           None
## 24:          0           None
## 25:          0           Adopted
## 26:          1           Adopted
## 27:          0           None
## 28:          1           Adopted
## 29:          1           Adopted
## 30:          1           None
## 31:          1           Foster To Adopt
## 32:          0           Transported - pre bio
## 33:          0           None
## 34:          0           None
## 35:          1           Adopted
## 36:          1           Transported - pre bio
## 37:          1           None
## 38:          0           None
## 39:          0           Adopted
## 40:          0           None
## 41:          1           None
## 42:          0           None
## 43:          0           None
## 44:          1           Adopted - pre bio
## 45:          1           None
## 46:          0           Adopted
## 47:          1           Adopted
## 48:          0           Adopted
## 49:          1           Adopted
## 50:          0           None
## 51:          1           None
## 52:          0           Adopted
## 53:          0           Adopted
## 54:          1           Adopted - pre bio
## 55:          0           None
## 56:          1           None
## 57:          1           Adopted - pre bio
## Treatment Group          Outcome
##
##
##                                     Chucky is proof that good things come to those who wait! After spending
##                                     Koko is a bundle of joy with a heart full
##                                     Zorua is the definition of a gentle soul

```

```

## 7:                                     Cole is the total package-sweet, social, and
## 8:                                     Kim is a playful sweetheart
## 9:
## 10:
## 11:
## 12:
## 13:                                     Kirby is a gentle giant with a heart of gold
## 14:
## 15:
## 16:                                     Twister is a fun-loving Lab with a great sense of humor
## 17:
## 18:
## 19:     Lotus is a burst of joy and energy wrapped in a shiny brown coat! This young Staffordshire Bull Terrier is full of energy and loves to play!
## 20:
## 21:
## 22:
## 23:
## 24:
## 25:
## 26:                                     Roux is pure joy wrapped in fur! This French Bulldog is a happy-go-lucky pup who loves to play!
## 27:
## 28:                                     Deebo is a fun, friendly pup who lives for play
## 29:                                     Captain Crunch is as sweet and goofy as his name suggests
## 30:                                     Cheech is a happy, playful pup who loves to run around
## 31:                                     Claudia is as beautiful as she is kind
## 32:
## 33:
## 34:
## 35:     Madre is the definition of calm and caring. This beautiful black-and-white American Bulldog/Staffordshire Bull Terrier mix is a gentle giant with a soft soul
## 36:
## 37:
## 38:
## 39:
## 40:
## 41:                                     Shells is the sweetest girl and loves to play
## 42:
## 43:
## 44:
## 45:
## 46:
## 47:     Fufu is a sweet, affectionate girl who's equal parts gentle and playful! This beautiful black and white Chihuahua mix is a bundle of energy and joy
## 48:
## 49:
## 50:
## 51:                                     Hershey is as sweet as his name suggests
## 52:
## 53:
## 54:
## 55:
## 56:                                     Rocky is a gentle sweetheart with a soft soul and a big heart
## 57:
## Date Bio Added PreTreat LOS PreTreat- Seen_SearchResults_7Days
##           <num>          <num>          <num>

```

## 1:	45950	416.0	231
## 2:	NA	361.7	1455
## 3:	NA	251.1	384
## 4:	45950	241.9	277
## 5:	45950	193.9	401
## 6:	45950	219.8	400
## 7:	NA	125.9	409
## 8:	45950	128.9	336
## 9:	45950	124.8	413
## 10:	NA	119.9	305
## 11:	NA	103.0	274
## 12:	NA	101.9	394
## 13:	45950	119.9	455
## 14:	NA	95.8	270
## 15:	45950	94.9	1391
## 16:	45950	119.9	241
## 17:	NA	97.9	1517
## 18:	NA	77.0	316
## 19:	45950	80.0	433
## 20:	NA	NA	1414
## 21:	45964	93.4	479
## 22:	NA	74.8	233
## 23:	NA	61.9	226
## 24:	NA	59.0	409
## 25:	NA	60.0	257
## 26:	45950	61.9	390
## 27:	NA	72.9	233
## 28:	45950	77.0	261
## 29:	45950	56.0	458
## 30:	45950	55.0	284
## 31:	45950	62.1	432
## 32:	NA	37.9	500
## 33:	NA	94.9	230
## 34:	NA	27.0	247
## 35:	45950	52.1	240
## 36:	NA	NA	500
## 37:	NA	NA	448
## 38:	NA	94.8	197
## 39:	NA	53.9	294
## 40:	NA	42.0	397
## 41:	45950	52.9	393
## 42:	NA	61.8	211
## 43:	NA	75.0	468
## 44:	NA	NA	0
## 45:	45964	37.0	463
## 46:	NA	17.8	0
## 47:	45964	26.2	232
## 48:	NA	24.8	0
## 49:	45957	44.9	452
## 50:	NA	30.8	0
## 51:	45964	49.3	363
## 52:	NA	37.0	0
## 53:	NA	47.0	0
## 54:	NA	NA	0

```

## 55:          NA    75.0          0
## 56:     45964    42.3        255
## 57:          NA      NA          0
##   Date Bio Added PreTreat LOS PreTreat- Seen_SearchResults_7Days
##   PreTreat- Seen_SearchResults_30Days PreTreat- Seen_SearchResults_2008
##   <num>           <num>
## 1:          571        3697
## 2:         3794        6492
## 3:          852        2319
## 4:          748        1688
## 5:          946        2092
## 6:          912        1947
## 7:          911        1599
## 8:          905        2002
## 9:          956        1749
## 10:         708        1142
## 11:         715        1217
## 12:         844        1228
## 13:        1123        1625
## 14:         667        1085
## 15:        3553        3996
## 16:         572        943
## 17:        3938        4587
## 18:         940        1502
## 19:         992        1355
## 20:        3037        3152
## 21:        1827        2083
## 22:         584        714
## 23:         531        600
## 24:         942        1061
## 25:         620        700
## 26:         888        983
## 27:         589        684
## 28:         659        738
## 29:        1109        1109
## 30:         630        630
## 31:         972        972
## 32:        1100        1100
## 33:         478        478
## 34:         521        521
## 35:         533        533
## 36:        1094        1094
## 37:        1075        1075
## 38:         409        409
## 39:         831        831
## 40:         810        810
## 41:         792        792
## 42:         454        454
## 43:        1059        1059
## 44:          0          0
## 45:         885        885
## 46:          0          0
## 47:         439        439
## 48:          0          0

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## 49:          452          452
## 50:            0            0
## 51:          636          636
## 52:            0            0
## 53:            0            0
## 54:            0            0
## 55:            0            0
## 56:          497          497
## 57:            0            0
##      PreTreat- Seen_SearchResults_30Days PreTreat- Seen_SearchResults_2008
##      PreTreat- Details_Opened_7Days  PreTreat- Details_Opened_30Days
##           <num>           <num>
## 1:          1          23
## 2:         12          76
## 3:          3          27
## 4:         10          60
## 5:         14          48
## 6:          5          25
## 7:         25          36
## 8:         35          248
## 9:          4          23
## 10:         9          33
## 11:         3          27
## 12:         15          44
## 13:         23          63
## 14:         9          51
## 15:         30          83
## 16:         14          77
## 17:         10          54
## 18:         22          51
## 19:         9          43
## 20:         7          27
## 21:         9          31
## 22:         7          37
## 23:         21          73
## 24:         10          52
## 25:         19          94
## 26:         3          36
## 27:         3          18
## 28:         16          72
## 29:         72          341
## 30:         15          60
## 31:         6          64
## 32:         25          154
## 33:         2          24
## 34:         12          101
## 35:         5          55
## 36:         13          101
## 37:         18          69
## 38:         11          47
## 39:         12          77
## 40:         33          99
## 41:         4          45
## 42:         11          39

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## 43:          15          79
## 44:           0           0
## 45:          34          70
## 46:           0           0
## 47:          18          78
## 48:           0           0
## 49:          30          30
## 50:           0           0
## 51:          60         171
## 52:           0           0
## 53:           0           0
## 54:           0           0
## 55:           0           0
## 56:           4          19
## 57:           0           0
##   PreTreat- Details_Opened_7Days PreTreat- Details_Opened_30Days
##   PreTreat- Details_Opened_2008 PreTreat- Click_through_7Days     Status
##                      <num>          <num>     <char>
## 1:                 433        0.004 available
## 2:                1182        0.008 available
## 3:                 399        0.008 available
## 4:                 274        0.036 available
## 5:                 260        0.035 adopted
## 6:                 191        0.012 available
## 7:                 191        0.061 available
## 8:                 627        0.104 available
## 9:                 118        0.010 available
## 10:                121        0.030 available
## 11:                134        0.011 available
## 12:                127        0.038 available
## 13:                166        0.051 available
## 14:                151        0.033 adopted
## 15:                198        0.022 adopted
## 16:                193        0.058 available
## 17:                180        0.007 available
## 18:                124        0.070 adopted
## 19:                 92        0.021 available
## 20:                 64        0.005 available
## 21:                 88        0.019 available
## 22:                 55        0.030 available
## 23:                118        0.093 available
## 24:                110        0.024 available
## 25:                133        0.074 adopted
## 26:                 81        0.008 adopted
## 27:                 44        0.013 available
## 28:                141        0.061 adopted
## 29:                341        0.157 adopted
## 30:                 60        0.053 available
## 31:                 64        0.014 adopted
## 32:                154        0.050 adopted
## 33:                 24        0.009 available
## 34:                101        0.049 available
## 35:                 55        0.021 adopted
## 36:                101        0.026 adopted

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## 37:           69          0.040 available
## 38:           47          0.056 available
## 39:           77          0.041 adopted
## 40:           99          0.083 available
## 41:           45          0.010 available
## 42:           39          0.052 available
## 43:           79          0.032 available
## 44:            0          0.000 adopted
## 45:           70          0.000 available
## 46:            0          0.000 adopted
## 47:           78          0.078 adopted
## 48:            0          0.000 adopted
## 49:           30          0.066 adopted
## 50:            0          0.000 available
## 51:          171          0.165 adopted
## 52:            0          0.000 adopted
## 53:            0          0.000 adopted
## 54:            0          0.000 adopted
## 55:            0          0.000 available
## 56:           19          0.016 available
## 57:            0          0.000 adopted

##      PreTreat- Details_Opened_2008 PreTreat- Click_through_7Days Status
##      Date_Added Date_Adopted           Primary_Breed
##             <num>      <num>           <char>
##    1:      45591          0 American Pit Bull Terrier
##    2:      45678          0                      Rottweiler
##    3:      45779          0 American Staffordshire Terrier
##    4:      45827          0                      Bullmastiff
##    5:      45827        45963 American Pit Bull Terrier
##    6:      45827          0 American Staffordshire Terrier
##    7:      45851          0 American Staffordshire Terrier
##    8:      45851          0                      Labrador Retriever
##    9:      45851          0                      Labrador Retriever
##   10:     45866          0      Shepherd (Unknown Type)
##   11:     45877          0 American Pit Bull Terrier
##   12:     45877          0      Treeing Walker Coonhound
##   13:     45877          0                      Rottweiler
##   14:     45877        45980                      Boxer
##   15:     45877        45974                      Pointer
##   16:     45877          0                      Labrador Retriever
##   17:     45877          0                      Rottweiler
##   18:     45890        45963 American Staffordshire Terrier
##   19:     45890          0 American Staffordshire Terrier
##   20:     45905          0                      Boxer
##   21:     45905          0      Hound (Unknown Type)
##   22:     45905          0 American Staffordshire Terrier
##   23:     45905          0                      Foxhound
##   24:     45905          0                      Bull Terrier
##   25:     45906        45963                      Labrador Retriever
##   26:     45906        45963 American Staffordshire Terrier
##   27:     45906          0 American Pit Bull Terrier
##   28:     45909        45974 American Pit Bull Terrier
##   29:     45927        45978      Australian Shepherd
##   30:     45927          0      Black Mouth Cur

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## 31:    45927    45980    American Pit Bull Terrier
## 32:    45927    45963    Black Mouth Cur
## 33:    45927      0    Shepherd (Unknown Type)
## 34:    45927      0    Australian Cattle Dog
## 35:    45927    45963    American Bulldog
## 36:    45927    45963    Black Mouth Cur
## 37:    45927      0    American Pit Bull Terrier
## 38:    45927      0    Shepherd (Unknown Type)
## 39:    45927    45963    American Pit Bull Terrier
## 40:    45927      0    Treeing Walker Coonhound
## 41:    45927      0    American Staffordshire Terrier
## 42:    45927      0    American Pit Bull Terrier
## 43:    45927      0    Whippet
## 44:    45949    45974    Boxer
## 45:    45949      0    Weimaraner
## 46:    45949    45963    German Shorthaired Pointer
## 47:    45949    45974    Treeing Walker Coonhound
## 48:    45949    45974    Labrador Retriever
## 49:    45949    45963    Labrador Retriever
## 50:    45949      0    American Pit Bull Terrier
## 51:    45949    45980    German Shorthaired Pointer
## 52:    45949    45974    Labrador Retriever
## 53:    45949    45963    American Pit Bull Terrier
## 54:    45949    45963    Shepherd (Unknown Type)
## 55:    45949      0    American Pit Bull Terrier
## 56:    45949      0    American Pit Bull Terrier
## 57:    45949    45963    German Shorthaired Pointer
##          Date_Added Date_Adopted           Primary_Breed
##                               Secondary_Breed
##                               <char>
## 1:          American Bulldog
## 2:            0
## 3:          American Pit Bull Terrier
## 4:            0
## 5:            0
## 6:          American Pit Bull Terrier
## 7:          Cane Corso
## 8:      Hound (Unknown Type)
## 9:          American Pit Bull Terrier
## 10:         Labrador Retriever
## 11: American Staffordshire Terrier
## 12:          Foxhound
## 13:         Cane Corso
## 14:          American Pit Bull Terrier
## 15:         Labrador Retriever
## 16:            0
## 17:         Labrador Retriever
## 18:         Weimaraner
## 19:            0
## 20:          American Bulldog
## 21:          American Eskimo Dog
## 22:          American Pit Bull Terrier
## 23:      Treeing Walker Coonhound
## 24:          Carolina Dog

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## 25:           Hound (Unknown Type)
## 26:           American Pit Bull Terrier
## 27:           American Staffordshire Terrier
## 28:           Plott Hound
## 29:           Golden Retriever
## 30:           American Staffordshire Terrier
## 31:           Labrador Retriever
## 32:           Rhodesian Ridgeback
## 33:           0
## 34:           Blue Heeler
## 35:           American Staffordshire Terrier
## 36:           Rhodesian Ridgeback
## 37:           American Staffordshire Terrier
## 38:           Rottweiler
## 39:           American Staffordshire Terrier
## 40:           Black and Tan Coonhound
## 41:           0
## 42:           0
## 43:           Jack Russell Terrier
## 44:           American Bulldog
## 45:           Labrador Retriever
## 46:           Bluetick Coonhound
## 47:           Foxhound
## 48:           Beagle
## 49:           0
## 50:           Labrador Retriever
## 51:           Labrador Retriever
## 52:           Hound (Unknown Type)
## 53:           American Bulldog
## 54:           Chow Chow
## 55:           American Staffordshire Terrier
## 56:           Bulldog
## 57:           Bluetick Coonhound
##           Secondary_Breed
##                                     Color   Sex   Age
##                                     <char> <char> <char>
## 1:           Brown/Chocolate - with White male adult
## 2:           Black - with Brown, Red, Golden, Orange or Chestnut male adult
## 3:           Gray/Blue/Silver/Salt & Pepper male adult
## 4:           Brindle male adult
## 5:           Gray/Blue/Silver/Salt & Pepper female adult
## 6:           Black - with White female adult
## 7:           Brindle - with White female adult
## 8:           Black male young
## 9:           Black female adult
## 10:          Tan/Yellow/Fawn - with Black female senior
## 11:          Gray/Blue/Silver/Salt & Pepper female young
## 12:          Tricolor (Tan/Brown & Black & White) male adult
## 13:          Gray/Silver/Salt & Pepper - with White male adult
## 14:          Brown/Chocolate - with White male adult
## 15:          White - with Black male adult
## 16:          Black male adult
## 17:          Black - with Tan, Yellow or Fawn female young
## 18:          Gray/Silver/Salt & Pepper - with White male young

```

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## 19:                                Brown/Chocolate female young
## 20:                                Black male adult
## 21:      Tan/Yellow/Fawn - with White male young
## 22:      Brown/Chocolate - with White male adult
## 23:      Tricolor (Tan/Brown & Black & White) male adult
## 24:      White - with Tan, Yellow or Fawn male adult
## 25:      Tan/Yellow/Fawn - with White female adult
## 26:      White - with Gray or Silver female adult
## 27:      Red/Golden/Orange/Chestnut - with White female adult
## 28:                                Brindle male young
## 29:      Tan/Yellow/Fawn male young
## 30:      Tan/Yellow/Fawn - with Black male young
## 31:      White - with Tan, Yellow or Fawn female young
## 32:      Tan/Yellow/Fawn - with Black male puppy
## 33:      Black - with Tan, Yellow or Fawn female adult
## 34:      Red/Golden/Orange/Chestnut - with White male adult
## 35:      Black - with White female adult
## 36:      Tan/Yellow/Fawn - with Black male puppy
## 37:      White female young
## 38:      Black - with Tan, Yellow or Fawn male adult
## 39:      Brindle - with White female young
## 40:      Black - with Tan, Yellow or Fawn male adult
## 41:      Tan/Yellow/Fawn female adult
## 42:                                Black male adult
## 43:                                White female young
## 44:      Red/Golden/Orange/Chestnut - with White male adult
## 45:      Tan/Yellow/Fawn male adult
## 46:      Black - with White male adult
## 47:      Tricolor (Tan/Brown & Black & White) female adult
## 48:      Black - with White male young
## 49:      Black male adult
## 50:      Black - with White male young
## 51:      Brown/Chocolate male young
## 52:      Brown/Chocolate - with Black male young
## 53:      Tan/Yellow/Fawn - with White female young
## 54:      Red/Golden/Orange/Chestnut female young
## 55:      White - with Red, Golden, Orange or Chestnut male adult
## 56:      Brindle - with White male adult
## 57:      Black - with White male adult
##                               Color Sex Age
##                               Size Coat Mixed Altered Shots_Current Housebroken
##                               <char> <num> <char> <char> <char> <char>
## 1: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 2: Large 61-100 lbs (28-45 kg) 0 No Yes Yes No
## 3: Large 61-100 lbs (28-45 kg) 0 Yes Yes Yes No
## 4: Large 61-100 lbs (28-45 kg) 0 Yes Yes Yes No
## 5: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 6: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 7: Large 61-100 lbs (28-45 kg) 0 Yes Yes Yes No
## 8: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 9: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 10: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 11: Med. 26-60 lbs (12-27 kg) 0 Yes Yes Yes No
## 12: Large 61-100 lbs (28-45 kg) 0 Yes Yes Yes No

```

	Size	Coat	Mixed	Altered	Shots_Current	Housebroken
##	Special_Needs	OK_With_Kids	OK_With_Dogs	OK_With_Cats		
##	<char>	<char>	<char>	<char>		
## 1:	No	Yes	Yes	Unknown		
## 2:	No	Yes	Yes	Unknown		
## 3:	No	Yes	Yes	Unknown		
## 4:	No	Yes	Yes	Unknown		
## 5:	No	Yes	Yes	Unknown		
## 6:	No	Yes	Yes	Unknown		
## 13:	Large 61-100 lbs (28-45 kg)	0	Yes	Yes	Yes	No
## 14:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 15:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 16:	Large 61-100 lbs (28-45 kg)	0	Yes	Yes	Yes	No
## 17:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 18:	Small 25 lbs (11 kg) or less	0	Yes	Yes	Yes	No
## 19:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 20:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 21:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 22:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 23:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 24:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 25:	Large 61-100 lbs (28-45 kg)	0	Yes	Yes	Yes	No
## 26:	Med. 26-60 lbs (12-27 kg)	0	Yes	No	Yes	No
## 27:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 28:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 29:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 30:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 31:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 32:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 33:	Med. 26-60 lbs (12-27 kg)	0	Yes	No	Yes	No
## 34:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 35:	Med. 26-60 lbs (12-27 kg)	0	Yes	No	Yes	No
## 36:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 37:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 38:	Large 61-100 lbs (28-45 kg)	0	Yes	Yes	Yes	No
## 39:	Med. 26-60 lbs (12-27 kg)	0	Yes	No	Yes	No
## 40:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 41:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	Yes
## 42:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 43:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 44:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 45:	Large 61-100 lbs (28-45 kg)	0	Yes	Yes	Yes	No
## 46:	Large 61-100 lbs (28-45 kg)	0	Yes	Yes	Yes	No
## 47:	Med. 26-60 lbs (12-27 kg)	0	Yes	No	Yes	No
## 48:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	Yes
## 49:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 50:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 51:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 52:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 53:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 54:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 55:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 56:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No
## 57:	Med. 26-60 lbs (12-27 kg)	0	Yes	Yes	Yes	No

	##	7:	No	Yes	Yes	Unknown
	##	8:	No	Yes	Yes	Yes
	##	9:	No	Yes	Yes	Unknown
	##	10:	No	Yes	Yes	Unknown
	##	11:	No	Yes	Yes	Unknown
	##	12:	No	Yes	Yes	Yes
	##	13:	No	Yes	Yes	Unknown
	##	14:	No	Yes	Yes	Unknown
	##	15:	No	Yes	Yes	Unknown
	##	16:	No	Yes	Yes	Unknown
	##	17:	No	Yes	Yes	Unknown
	##	18:	No	Yes	Yes	Unknown
	##	19:	No	Yes	Yes	Unknown
	##	20:	No	Yes	Yes	Unknown
	##	21:	No	Yes	Yes	Unknown
	##	22:	No	Yes	Yes	Yes
	##	23:	No	Yes	Yes	Unknown
	##	24:	No	Yes	Yes	Unknown
	##	25:	No	Yes	Yes	Unknown
	##	26:	No	Yes	Yes	Unknown
	##	27:	No	Yes	Yes	Unknown
	##	28:	No	Yes	Yes	Unknown
	##	29:	No	Yes	Yes	Unknown
	##	30:	No	Yes	Yes	Unknown
	##	31:	No	Yes	Yes	Unknown
	##	32:	No	Yes	Yes	Yes
	##	33:	No	Yes	Yes	Unknown
	##	34:	No	Yes	Yes	Unknown
	##	35:	No	Yes	Yes	Unknown
	##	36:	No	Yes	Yes	Yes
	##	37:	No	Yes	Yes	Yes
	##	38:	No	Yes	Yes	Unknown
	##	39:	No	Yes	Yes	Yes
	##	40:	No	Yes	Yes	Unknown
	##	41:	No	Yes	Yes	Unknown
	##	42:	No	Yes	Yes	Unknown
	##	43:	No	Yes	Yes	Unknown
	##	44:	No	Yes	Yes	Unknown
	##	45:	No	Yes	Yes	Unknown
	##	46:	No	Yes	Yes	Unknown
	##	47:	No	Yes	Yes	Unknown
	##	48:	No	Yes	Yes	Unknown
	##	49:	No	Yes	Yes	Unknown
	##	50:	No	Yes	Yes	Unknown
	##	51:	No	Yes	Yes	Unknown
	##	52:	No	Yes	Yes	Unknown
	##	53:	No	Yes	Yes	Unknown
	##	54:	No	Yes	Yes	Unknown
	##	55:	No	Yes	Yes	Unknown
	##	56:	No	Yes	Yes	Unknown
	##	57:	No	Yes	Yes	Unknown
##			Special_Needs	OK_With_Kids	OK_With_Dogs	OK_With_Cats
##						
##						

```
## 1: Chucky is proof that good things come to those who wait! After spending
## 2:
## 3:
## 4:
## 5: Koko is a bundle of joy with a heart full of love!
## 6: Zorua is the definition of a gentle soul.
## 7:
## 8: Cole is the total package. A sweet, social pup.
## 9: Kim is a playful sweetheart.
## 10:
## 11:
## 12:
## 13: Kirby is a gentle giant with a heart as big as his body.
## 14:
## 15: Ralph is a laid-back pup who loves to play.
## 16: Twister is a fun-loving Lab with a playful personality.
## 17:
## 18:
## 19: Lotus is a burst of joy and energy wrapped in a shiny brown coat! This young Staffordshire Bull Terrier is full of energy and enthusiasm.
## 20:
## 21:
## 22:
## 23:
## 24:
## 25:
## 26: Roux is pure joy wrapped in fur! This beautiful black-and-white American Bulldog/Staffordshire Bull Terrier mix is full of energy and enthusiasm.
## 27:
## 28: Deebo is a goofy, fun-loving ball of energy who loves to play.
## 29: Captain Crunch is as sweet and goofy as his name suggests! This small, fluffy pup is a delight to be around.
## 30: Cheech is a happy, playful pup who loves to run and play.
## 31: Claudia is as beautiful as she is kind.
## 32:
## 33:
## 34:
## 35: Madre is the definition of calm and caring. This beautiful black-and-white American Bulldog/Staffordshire Bull Terrier mix is full of energy and enthusiasm.
## 36:
## 37:
## 38:
## 39:
## 40:
## 41: Shells is the sweetest girl and most gentle pup you'll ever meet.
## 42:
## 43:
## 44:
## 45:
## 46:
## 47: Fufu is a sweet, affectionate girl who has equal parts gentle and playful! This beautiful black-and-white American Bulldog/Staffordshire Bull Terrier mix is full of energy and enthusiasm.
## 48:
## 49:
## 50:
## 51: Hershey is as sweet as his name suggests.
## 52:
## 53:
## 54:
```

```

## 55:
## 56:                                     Rocky is a gentle sweetheart with a soft soul a
## 57:
##
```

Data Cleanup

```

df[, unique(`Breed Group`)]
## [1] "Stigma"      "Non-Stigma"
df[, unique(`Treatment Group`)]
## [1] 1 0
df[, unique(Outcome)]
## [1] "None"          "Adopted"        "Foster To Adopt"
## [4] "Transported - pre bio" "Adopted - pre bio"

experiment_data <- df[, .(
  DogName      = `Name - AdoptAPet`,
  Stigma       = ifelse(`Breed Group` == "Stigma", 1L, 0L),
  Treatment    = `Treatment Group`,
  Outcome_Experiment = ifelse(Outcome == "None", 0L, 1L),
  Compliance = fifelse(
    (`Treatment Group` == 1 & (is.na(Bio) | Bio %in% c("NA", "N/A")))) |
    (`Treatment Group` == 1 & Outcome %in% c("Transported - pre bio", "Adopted - pre bio")),
    0L,
    1L
  ),
  Pretreat_LOS = `PreTreat LOS`,
  Pretreat_views = `PreTreat- Seen_SearchResults_2008`,
  Pretreat_open = `PreTreat- Details_Opened_2008`,
  Color = Color,
  Age = Age,
  Sex = ifelse(Sex=="male",1,0),
  Size = ifelse(Size %in% c("Med. 26-60 lbs (12-27 kg)","medium",ifelse(Size %in% c("Large 61-100 lbs
Housebroken = ifelse(Housebroken=="Yes",1,0),
Special_Needs = ifelse(Special_Needs=="Yes",1,0),
Kids = ifelse(OK_With_Kids=="Yes", 1,0),
Dogs = ifelse(OK_With_Dogs=="Yes",1,0)
)]
```

experiment_data

```

##                                     DogName Stigma Treatment Outcome_Experiment Compliance
##                                     <char>  <int>    <num>           <int>    <int>
## 1:      Chucky [Foster Home]     1       1             0         1
## 2:      Sebastian            1       0             0         1
## 3:      Woodstock            1       0             0         1
## 4:      Goose                1       1             0         1
## 5:      Koko                 1       1             1         1
## 6:      Zorua [Foster Home]    1       1             0         1
## 7:      Ava Grace            1       0             0         1
## 8:      Cole [Foster Home]     0       1             0         1
```

	DogName	Stigma	Treatment	Outcome_Experiment	Compliance
## 9:	Kim	0	1	0	1
## 10:	Tanya	0	0	0	1
## 11:	Gretchen	1	0	0	1
## 12:	Journey [Foster Home]	0	0	0	1
## 13:	Kirby	1	1	0	1
## 14:	Landon	0	0	1	1
## 15:	Ralph	0	1	1	1
## 16:	Twister	0	1	0	1
## 17:	Yukiko [Foster Home]	1	0	0	1
## 18:	Auggie	1	0	1	1
## 19:	Lotus [Foster Home]	1	1	0	1
## 20:	Craig	0	1	0	0
## 21:	Dingo [Foster Home]	0	1	0	1
## 22:	Elliott	1	0	0	1
## 23:	Emmett	0	0	0	1
## 24:	Feta	0	0	0	1
## 25:	Pocahontas [Foster To Adopt]	0	0	1	1
## 26:	Roux	1	1	1	1
## 27:	Royal	1	0	0	1
## 28:	Deebo	1	1	1	1
## 29:	Captain Crunch [Foster Home]	0	1	1	1
## 30:	Cheech	0	1	0	1
## 31:	Claudia	1	1	1	1
## 32:	Homer	0	0	1	1
## 33:	Jovi	0	0	0	1
## 34:	Luca [Foster Home]	0	0	0	1
## 35:	Madre [Foster Home]	0	1	1	1
## 36:	Marge	0	1	1	0
## 37:	Mary [Foster Home]	1	1	0	0
## 38:	Max	0	0	0	1
## 39:	Maya [Foster To Adopt]	1	0	1	1
## 40:	Rooster	0	0	0	1
## 41:	Shells [Foster Home]	1	1	0	1
## 42:	Tramp	1	0	0	1
## 43:	Vanna	0	0	0	1
## 44:	Bruno	0	1	1	0
## 45:	Deeno	0	1	0	1
## 46:	Earl	0	0	1	1
## 47:	Fufu	0	1	1	1
## 48:	Gomez	0	0	1	1
## 49:	Gunner	0	1	1	1
## 50:	Harry	1	0	0	1
## 51:	Hershey	0	1	0	1
## 52:	Java	0	0	1	1
## 53:	Lainey	1	0	1	1
## 54:	Moana	0	1	1	0
## 55:	Reno	1	0	0	1
## 56:	Rocky	1	1	0	1
## 57:	Rufus	0	1	1	0
##	DogName	Stigma	Treatment	Outcome_Experiment	Compliance
##	Pretreat_LOS	Pretreat_views	Pretreat_open		
##	<num>	<num>	<num>		
## 1:	416.0	3697	433		
## 2:	361.7	6492	1182		

## 3:	251.1	2319	399
## 4:	241.9	1688	274
## 5:	193.9	2092	260
## 6:	219.8	1947	191
## 7:	125.9	1599	191
## 8:	128.9	2002	627
## 9:	124.8	1749	118
## 10:	119.9	1142	121
## 11:	103.0	1217	134
## 12:	101.9	1228	127
## 13:	119.9	1625	166
## 14:	95.8	1085	151
## 15:	94.9	3996	198
## 16:	119.9	943	193
## 17:	97.9	4587	180
## 18:	77.0	1502	124
## 19:	80.0	1355	92
## 20:	NA	3152	64
## 21:	93.4	2083	88
## 22:	74.8	714	55
## 23:	61.9	600	118
## 24:	59.0	1061	110
## 25:	60.0	700	133
## 26:	61.9	983	81
## 27:	72.9	684	44
## 28:	77.0	738	141
## 29:	56.0	1109	341
## 30:	55.0	630	60
## 31:	62.1	972	64
## 32:	37.9	1100	154
## 33:	94.9	478	24
## 34:	27.0	521	101
## 35:	52.1	533	55
## 36:	NA	1094	101
## 37:	NA	1075	69
## 38:	94.8	409	47
## 39:	53.9	831	77
## 40:	42.0	810	99
## 41:	52.9	792	45
## 42:	61.8	454	39
## 43:	75.0	1059	79
## 44:	NA	0	0
## 45:	37.0	885	70
## 46:	17.8	0	0
## 47:	26.2	439	78
## 48:	24.8	0	0
## 49:	44.9	452	30
## 50:	30.8	0	0
## 51:	49.3	636	171
## 52:	37.0	0	0
## 53:	47.0	0	0
## 54:	NA	0	0
## 55:	75.0	0	0
## 56:	42.3	497	19

```

## 57:           NA          0          0
##   Pretreat_LOS Pretreat_views Pretreat_open
##                                         Color  Age  Sex  Size
##                                         <char> <char> <num> <char>
##  1:           Brown/Chocolate - with White  adult   1 medium
##  2: Black - with Brown, Red, Golden, Orange or Chestnut  adult   1 large
##  3:           Gray/Blue/Silver/Salt & Pepper  adult   1 large
##  4:           Brindle - with White  adult   1 large
##  5:           Gray/Blue/Silver/Salt & Pepper  adult   0 medium
##  6:           Black - with White  adult   0 medium
##  7:           Brindle - with White  adult   0 large
##  8:           Black - with White  young   1 medium
##  9:           Black - with White  adult   0 medium
## 10: Tan/Yellow/Fawn - with Black  senior   0 medium
## 11:           Gray/Blue/Silver/Salt & Pepper  young   0 medium
## 12: Tricolor (Tan/Brown & Black & White)  adult   1 large
## 13:           Gray/Silver/Salt & Pepper - with White  adult   1 large
## 14:           Brown/Chocolate - with White  adult   1 medium
## 15:           White - with Black  adult   1 medium
## 16:           Black - with Black  adult   1 large
## 17:           Black - with Tan, Yellow or Fawn  young   0 medium
## 18:           Gray/Silver/Salt & Pepper - with White  young   1 small
## 19:           Brown/Chocolate - with White  young   0 medium
## 20:           Black - with White  adult   1 medium
## 21: Tan/Yellow/Fawn - with White  young   1 medium
## 22:           Brown/Chocolate - with White  adult   1 medium
## 23: Tricolor (Tan/Brown & Black & White)  adult   1 medium
## 24:           White - with Tan, Yellow or Fawn  adult   1 medium
## 25:           Tan/Yellow/Fawn - with White  adult   0 large
## 26:           White - with Gray or Silver  adult   0 medium
## 27: Red/Golden/Orange/Chestnut - with White  adult   0 medium
## 28:           Brindle - with White  young   1 medium
## 29:           Tan/Yellow/Fawn - with White  young   1 medium
## 30:           Tan/Yellow/Fawn - with Black  young   1 medium
## 31:           White - with Tan, Yellow or Fawn  young   0 medium
## 32:           Tan/Yellow/Fawn - with Black  puppy   1 medium
## 33:           Black - with Tan, Yellow or Fawn  adult   0 medium
## 34: Red/Golden/Orange/Chestnut - with White  adult   1 medium
## 35:           Black - with White  adult   0 medium
## 36:           Tan/Yellow/Fawn - with Black  puppy   1 medium
## 37:           White - with White  young   0 medium
## 38:           Black - with Tan, Yellow or Fawn  adult   1 large
## 39:           Brindle - with White  young   0 medium
## 40:           Black - with Tan, Yellow or Fawn  adult   1 medium
## 41:           Tan/Yellow/Fawn - with White  adult   0 medium
## 42:           Black - with White  adult   1 medium
## 43:           White - with White  young   0 medium
## 44: Red/Golden/Orange/Chestnut - with White  adult   1 medium
## 45:           Tan/Yellow/Fawn - with White  adult   1 large
## 46:           Black - with White  adult   1 large
## 47: Tricolor (Tan/Brown & Black & White)  adult   0 medium
## 48:           Black - with White  young   1 medium
## 49:           Black - with White  adult   1 medium
## 50:           Black - with White  young   1 medium

```

		Color	Age	Sex	Size
## 51:		Brown/Chocolate	young	1	medium
## 52:		Brown/Chocolate - with Black	young	1	medium
## 53:		Tan/Yellow/Fawn - with White	young	0	medium
## 54:		Red/Golden/Orange/Chestnut	young	0	medium
## 55:	White - with Red, Golden, Orange or Chestnut		adult	1	medium
## 56:		Brindle - with White	adult	1	medium
## 57:		Black - with White	adult	1	medium
##					
##	Housebroken	Special_Needs	Kids	Dogs	
##	<num>	<num>	<num>	<num>	
## 1:	0	0	1	1	
## 2:	0	0	1	1	
## 3:	0	0	1	1	
## 4:	0	0	1	1	
## 5:	0	0	1	1	
## 6:	0	0	1	1	
## 7:	0	0	1	1	
## 8:	0	0	1	1	
## 9:	0	0	1	1	
## 10:	0	0	1	1	
## 11:	0	0	1	1	
## 12:	0	0	1	1	
## 13:	0	0	1	1	
## 14:	0	0	1	1	
## 15:	0	0	1	1	
## 16:	0	0	1	1	
## 17:	0	0	1	1	
## 18:	0	0	1	1	
## 19:	0	0	1	1	
## 20:	0	0	1	1	
## 21:	0	0	1	1	
## 22:	0	0	1	1	
## 23:	0	0	1	1	
## 24:	0	0	1	1	
## 25:	0	0	1	1	
## 26:	0	0	1	1	
## 27:	0	0	1	1	
## 28:	0	0	1	1	
## 29:	0	0	1	1	
## 30:	0	0	1	1	
## 31:	0	0	1	1	
## 32:	0	0	1	1	
## 33:	0	0	1	1	
## 34:	0	0	1	1	
## 35:	0	0	1	1	
## 36:	0	0	1	1	
## 37:	0	0	1	1	
## 38:	0	0	1	1	
## 39:	0	0	1	1	
## 40:	0	0	1	1	
## 41:	1	0	1	1	
## 42:	0	0	1	1	
## 43:	0	0	1	1	
## 44:	0	0	1	1	

```
## 45:      0      1      1
## 46:      0      1      1
## 47:      0      1      1
## 48:      1      0      1      1
## 49:      0      0      1      1
## 50:      0      0      1      1
## 51:      0      0      1      1
## 52:      0      0      1      1
## 53:      0      0      1      1
## 54:      0      0      1      1
## 55:      0      0      1      1
## 56:      0      0      1      1
## 57:      0      0      1      1
##   Housebroken Special_Needs  Kids  Dogs
```

Note: Dogs, Kids, Special Needs are all pretty much the same for each dog

Including Plots

You can also embed plots, for example:

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.