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 **jthomasmock** Update readme.md
bf69a07 4 days ago

1 contributor

RawBlameHistory

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NYC Squirrel Census


This week's data is from the [NYC Squirrel Census](#) - raw data at [NY Data portal](#).

H/t to [Sara Stoudt](#) for sharing this data, and [Mine Cetinkaya-Rundel](#) for her [squirrel data package](#) using the same data.

CityLab's [Linda Poon](#) wrote an [article](#) using this data.

Get the data!

```
os://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/2019/2019-csv")
```



Data Dictionary

nyc_squirrels.csv

variable	class	description
long	double	Longitude
lat	double	Latitude

variable	class	description
unique_squirrel_id	character	Identification tag for each squirrel sightings. The tag is comprised of "Hectare ID" + "Shift" + "Date" + "Hectare Squirrel Number."
hectare	character	ID tag, which is derived from the hectare grid used to divide and count the park area. One axis that runs predominantly north-to-south is numerical (1-42), and the axis that runs predominantly east-to-west is roman characters (A-I).
shift	character	Value is either "AM" or "PM," to communicate whether or not the sighting session occurred in the morning or late afternoon.
date	double	Concatenation of the sighting session day and month.
hectare_squirrel_number	double	Number within the chronological sequence of squirrel sightings for a discrete sighting session.

variable	class	description
age	character	Value is either "Adult" or "Juvenile."
primary_fur_color	character	Value is either "Gray," "Cinnamon" or "Black."
highlight_fur_color	character	Discrete value or string values comprised of "Gray," "Cinnamon" or "Black."
combination_of_primary_and_highlight_color	character	A combination of the previous two columns; this column gives the total permutations of primary and highlight colors observed.
color_notes	character	Sighters occasionally added commentary on the squirrel fur conditions. These notes are provided here.
location	character	Value is either "Ground Plane" or "Above Ground." Sighters were instructed to indicate the location of where the squirrel was when first sighted.
above_ground_sighter_measurement	character	For squirrel sightings on the ground plane, fields were populated with a value of "FALSE."

variable	class	description
specific_location	character	Sighters occasionally added commentary on the squirrel location. These notes are provided here.
running	logical	Squirrel was seen running.
chasing	logical	Squirrel was seen chasing.
climbing	logical	Squirrel was seen climbing.
eating	logical	Squirrel was seen eating.
foraging	logical	Squirrel was seen foraging.
other_activities	character	Other activities
kuks	logical	Squirrel was heard kukking, a chirpy vocal communication used for a variety of reasons.
quaas	logical	Squirrel was heard quaaing, an elongated vocal communication which can indicate the presence of a ground predator such as a dog.

variable	class	description
moans	logical	Squirrel was heard moaning, a high-pitched vocal communication which can indicate the presence of an air predator such as a hawk.
tail_flags	logical	Squirrel was seen flagging its tail. Flagging is a whipping motion used to exaggerate squirrel's size and confuse rivals or predators. Looks as if the squirrel is scribbling with tail into the air.
tail_twitches	logical	Squirrel was seen flagging its tail. Flagging is a whipping motion used to exaggerate squirrel's size and confuse rivals or predators. Looks as if the squirrel is scribbling with tail into the air.
approaches	logical	Squirrel was seen approaching human, seeking food.
indifferent	logical	Squirrel was indifferent to human presence.

variable	class	description
runs_from	logical	.Squirrel was seen running from humans, seeing them as a threat.
other_interactions	character	Sighter notes on other types of interactions between squirrels and humans.
lat_long	character	Combined lat long
zip_codes	double	zip codes
community_districts	double	Community districts
borough_boundaries	double	Borough boundaries
city_council_districts	double	City council districts
police_precincts	double	Police precincts