## Rats in NY: Project Proposal

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```
library(tidyverse)
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr 1.1.3 v readr
                            2.1.4
v forcats 1.0.0 v stringr
v ggplot2 3.4.3 v tibble
                            1.5.0
                            3.2.1
v lubridate 1.9.2 v tidyr
                            1.3.0
       1.0.2
-- Conflicts ----- tidyverse conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()
              masks stats::lag()
i Use the conflicted package (<a href="http://conflicted.r-lib.org/">http://conflicted.r-lib.org/</a>) to force all conflicts to become
  library(tidymodels)
-- Attaching packages ----- tidymodels 1.1.1 --
       1.0.5 v rsample
v broom
                                1.2.0
           1.2.0 v tune
v dials
                                 1.1.2
1.1.1
                     v yardstick 1.2.0
v parsnip
v recipes
           1.0.8
-- Conflicts ----- tidymodels_conflicts() --
x scales::discard() masks purrr::discard()
x dplyr::filter() masks stats::filter()
x recipes::fixed() masks stringr::fixed()
x dplyr::lag() masks stats::lag()
x yardstick::spec() masks readr::spec()
x recipes::step() masks stats::step()
```

\* Learn how to get started at https://www.tidymodels.org/start/

```
library(httr)
install.packages("httr")
```

Installing package into '/home/guest/R/x86\_64-pc-linux-gnu-library/4.3' (as 'lib' is unspecified)

```
api_url <- "https://data.cityofnewyork.us/resource/p937-wjvj.csv"
response <- GET(api_url)
rats <- read.csv(text = content(response, "text"))
head(rats)</pre>
```

	inspection	_type	job	_ticket_or_wor	rk_order_id	job_id	job_pro	gress	bbl
1	In	itial			13717737	PC8191184		1	NA
2	In	itial			13704841	PC8176771		1	NA
3	In	itial			13661515	PC8122655		1	NA
4	l Initial				11507405	PC7504205		1	NA
5	Initial				13706633	PC8177949		1	NA
6	Initial				13264492	PC7744572		1	NA
	boro_code	block	lot	house_number	street_na	ame zip_co	de x_coo	rd y_c	coord
1	3	1790	1			112	16	NA	NA
2	1	1988	165	000	BROAD	WAY	NA	NA	NA
3	1	529	9				0	NA	NA
4	5	62	113	000	YORK AVE	NUE	NA	NA	NA
5	3	2699	9			112:	22	NA	NA
6	2	2857	95	0000	JEROME AVE	NUE	NA	NA	NA
	latitude longitu			borough	ins	spection_d	ate		result
1	NA		NA	Brooklyn	2023-09-147	Γ13:10:00.	000	Rat	Activity
2	0		0	Manhattan	2023-08-23	Γ10:10:44.	000	Rat	Activity
3	NA		NA	Manhattan	2023-06-07	Г16:36:13.	000		Passed
4	0		0 :	Staten Island	2010-09-167	Γ16:00:00.	000 Fail	ed for	r Other R
5	NA		NA	Brooklyn	2023-08-25	Γ15:00:00.	000 Fail	ed for	c Other R
6	0		0	Bronx	2021-07-287	Γ12:48:53.	000		Passed
	approved_date location community_board council_district								
1	2023-09-17	T11:50	:34	.000			NA		NA
2	2023-08-28	T09:48	3:25	.000 \n, \n(	0.0, 0.0)		NA		NA
3	2023-06-08	T10:38	3:30	.000			NA		NA
4	2010-09-17	T09:47	7:30	.000 \n, \n(	0.0, 0.0)		NA		NA
5	2023-08-28	T09:57	7:23	.000			NA		NA
6	2021-07-29	T13:19	32:32	.000 \n, \n(	0.0, 0.0)		NA		NA

## **Data dictionary**

The data dictionary can be found here [Update the link and remove this note!]