Quiz1

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4/7/2020

Q1 The American Community Survey distributes downloadable data about United States communities. Download the 2006 microdata survey about housing for the state of Idaho using download.file() from here:

https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2Fss06hid.csv

and load the data into R. The code book, describing the variable names is here:

https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2FPUMSDataDict06.pdf

How many properties are worth $1,000,000 or more?

```r
# URL for the data and de pdf code book
file_housing_Url <- "https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2Fss06hid.csv"
code_book_pdf_Url <- "https://d396qusza40orc.cloudfront.net/getdata%2Fdata%2FPUMSDataDict06.pdf"

#downloading the code book
download.file(code_book_pdf_Url, destfile = "./codebook.pdf", method = "curl")
#downloading the data
download.file(file_housing_Url, destfile = "./microdata_survey_housing.csv")
#reading the data
housingdata <- read.csv("microdata_survey_housing.csv")

#head(housingdata)

# Answer for the question
# VAL attribute says how much property is worth, code book
sum(housingdata$VAL == 24, na.rm = TRUE)
```

```
## [1] 53
```