

Environment

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Import Dataset

Grid

R

Global Environment

Name

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Environment is empty

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Go to file/function

Addins

atx_vaccines_zcta

R Markdown Example.Rmd

Knit

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Environment is empty

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More

Home > Documents > Github Files > LBJ Repos > atx_vaccines_zcta

| | Name | Size | Modified |
|--|-------------------------------|----------|-----------------------|
| | .. | | |
| | ATX Vaccine Site Workbook.Rmd | 1.8 KB | Mar 17, 2021, 9:50 PM |
| | atx_vaccines_zcta.Rproj | 205 B | Mar 17, 2021, 9:12 PM |
| | clean_data | | |
| | figures | | |
| | raw_data | | |
| | R Markdown Example.Rmd | 886 B | Mar 18, 2021, 8:32 AM |
| | R-Markdown-Example.html | 803.1 KB | Mar 18, 2021, 8:32 AM |
| | R-Markdown-Example.pdf | 0 B | Mar 18, 2021, 8:32 AM |

20:1

Chunk 2: cars

R Markdown

Console

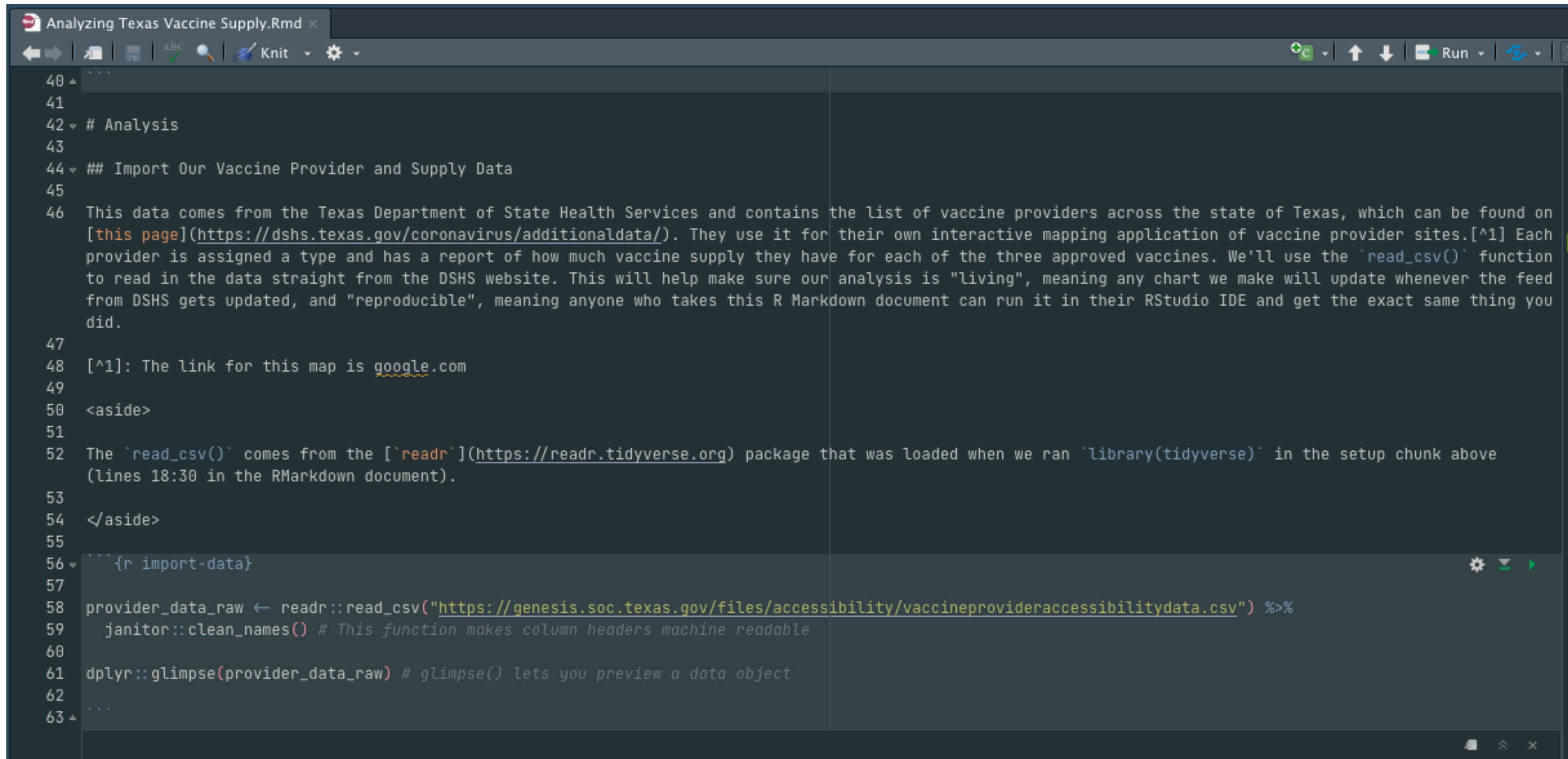
Terminal

R Markdown

Jobs

```
1 title: "R Markdown Example"
2 author: "Matt Worthington"
3 date: "3/18/2021"
4 output:
5   html_document: default
6   pdf_document: default
7 ---
8
9
10 {r setup, include=FALSE}
11 knitr::opts_chunk$set(echo = TRUE)
12
13
14 ## R Markdown
15
16 This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word
17 documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.
18
19 When you click the **Knit** button a document will be generated that includes both content as well as the
20 output of any embedded R code chunks within the document. You can embed an R code chunk like this:
21
22 {r cars}
23 summary(cars)
24
25 ## Including Plots
26
27 You can also embed plots, for example:
28
29 {r pressure, echo=FALSE}
30 plot(pressure)
31
32 Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that
33 generated the plot.
```

Writing Code in R Markdown



```
40 ...
41
42 # Analysis
43
44 ## Import Our Vaccine Provider and Supply Data
45
46 This data comes from the Texas Department of State Health Services and contains the list of vaccine providers across the state of Texas, which can be found on
\[this page\]\(https://dshs.texas.gov/coronavirus/additionaldata/\). They use it for their own interactive mapping application of vaccine provider sites.[^1] Each
provider is assigned a type and has a report of how much vaccine supply they have for each of the three approved vaccines. We'll use the read_csv() function
to read in the data straight from the DSHS website. This will help make sure our analysis is "living", meaning any chart we make will update whenever the feed
from DSHS gets updated, and "reproducible", meaning anyone who takes this R Markdown document can run it in their RStudio IDE and get the exact same thing you
did.
47
48 [^1]: The link for this map is google.com
49
50 <aside>
51
52 The read_csv() comes from the [readr](https://readr.tidyverse.org) package that was loaded when we ran library(tidyverse) in the setup chunk above
(lines 18:30 in the RMarkdown document).
53
54 </aside>
55
56 ```{r import-data}
57
58 provider_data_raw <- readr::read_csv("https://genesis.soc.texas.gov/files/accessibility/vaccineprovideraccessibilitydata.csv") %>%
59   janitor::clean_names() # This function makes column headers machine readable
60
61 dplyr::glimpse(provider_data_raw) # glimpse() lets you preview a data object
62
63 ...
```