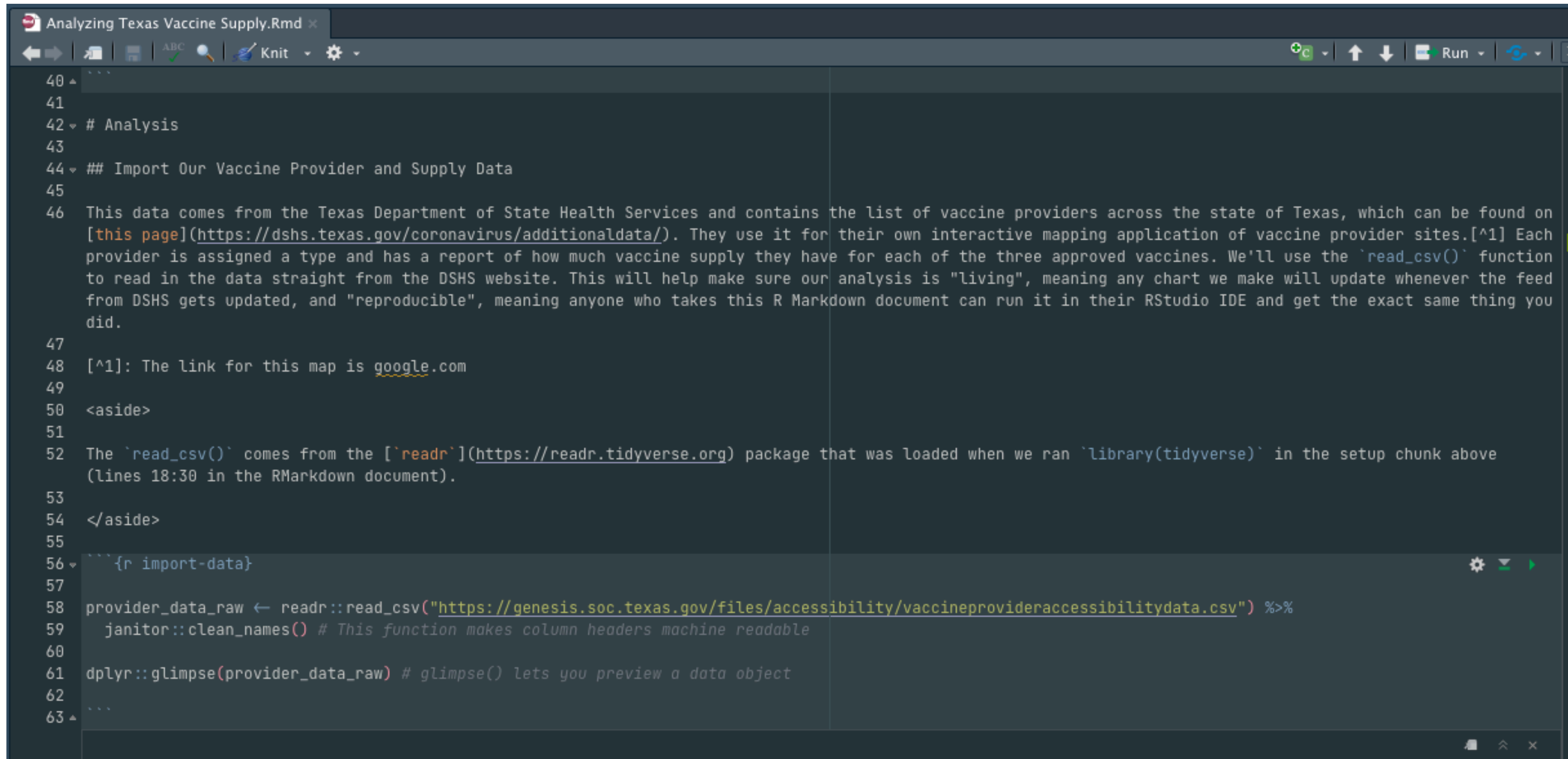


Writing Code in R Markdown



```
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 ...
```

Writing Code in R Markdown



The screenshot shows the RStudio interface with a file named "Analyzing Texas Vaccine Supply.Rmd". The editor displays R Markdown code. The visible code includes a title, a subtitle, a section header "# Analysis", and a code chunk titled "## Import Our Vaccine Provider and Supply Data". The chunk contains a paragraph of text explaining the data source (Texas Department of State Health Services) and the use of the `read_csv()` function. It also includes a footnote ^[1] and an aside block explaining the `readr` package. The code chunk itself starts with `##{r import-data}` and contains the following R code:

```
provider_data_raw <- read_csv("https://dshs.texas.gov/coronavirus/additionaldata/") %>%
  janitor::clean_names()
dplyr::glimpse(provider_data_raw) # glimpse() lets you preview a data object
```

The code chunk is highlighted with a light blue background. The RStudio interface also shows a toolbar with icons for navigation, editing, and running code.

Code Chunk in R Markdown