

Interactive Maps In a Book!

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1 Introduction

This is a book created from markdown and executable code.

Testing Leaflet Maps into a book! Lets see!

1.1 Libraries

```
library(magrittr)
library(leaflet)
library(readxl)
```

1.2 This is The Data to plot on a map.

```
Area_of_Collection <- read_excel("Area of Collection.xlsx")
rmarkdown::paged_table(head(Area_of_Collection))
```

And This is the output!

1.3 Map

```
leaflet(Area_of_Collection) %>%
  addTiles() %>%
  addMarkers(
    lng = ~ Lon,
    lat = ~ Lat,
    popup = paste0(Area_of_Collection$Name, "<br>", "Market Code: ", Area_of_Collection$M
    popupOptions = popupOptions(closeButton = F)
  )
```

1.4 Different Styles

1.4.1 Esri

```
leaflet(Area_of_Collection) %>%  
  addProviderTiles(providers$Esri) %>%  
  addMarkers(  
    lng = ~ Lon,  
    lat = ~ Lat,  
    popup = paste0(Area_of_Collection$Name, "<br>", "Market Code: ", Area_of_Collection$`M  
    popupOptions = popupOptions(closeButton = F)  
  )
```

1.4.2 CartoDb

```
leaflet(Area_of_Collection) %>%  
  addProviderTiles(providers$CartoDB) %>%  
  addMarkers(  
    lng = ~ Lon,  
    lat = ~ Lat,  
    popup = paste0(Area_of_Collection$Name, "<br>", "Market Code: ", Area_of_Collection$`M  
    popupOptions = popupOptions(closeButton = F)  
  )
```