Response Demo

INSERT YOUR NAME HERE

1/28/2022

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

Word frequency analysis Q1

```r
library(tidyverse) # loads dplyr, ggplot2, and others
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5     v purrr   0.3.4
## v tibble  3.1.6     v dplyr   1.0.7
## v tidyr   1.1.4     v stringr 1.4.0
## v readr   2.1.1     v forcats 0.5.1
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
library(tidytext) # includes set of functions useful for manipulating text
library(ggthemes) # includes a set of themes to make your visualizations look nice!
library(readr) # more informative and easy way to import dat
```

```r
edbfdata <- read_csv("https://raw.githubusercontent.com/cjbarrie/RDL-Ed/main/02-text-as-data/data/edbool
```

```
## New names:
## * `` -> ...1
```

```
## Rows: 5938 Columns: 12
```

```
## -- Column specification ----------------------------------------------------
## Delimiter: ","
## chr (8): festival_id, title, sub_title, artist, description, genre, age_cate...
## dbl (4): ...1, year, latitude, longitude
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

Including Plots

You can also embed plots, for example:

```
edbfdata %>%
  mutate(obs=1) %>%
  group_by(year) %>%
  summarise(sum_events = sum(obs)) %>%
  ggplot() +
  geom_line(aes(year, sum_events)) +
  theme_tufte(base_family = "Helvetica") +
  scale_y_continuous(expand = c(0, 0), limits = c(0, NA))
```