Stat 245 – Data Tidying

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Data

```
churchData <- read_csv('data/data.csv')
write_csv(churchData, 'data/data.csv')

Church <-read_survey('data/data.csv', legacy = TRUE)
```

```
Church <- rename(churchData,
                        "Hand_Sanitizer" = "Q15.10",
                        "Social_Distancing" = "Q15.5",
                        "Additional_Cleaning" = "Q15.11",
                        "Removal_Touched_Item" = "Q15.15",
                        "Signage_of_protocols"= "Q15.4",
                        "Annnouncement" = "Q15.14",
                        "Traffic_Control" = "Q15.12",
                        "Weeks_Closed" = "Q30.X...28",
                        "Services_Per_Week" = "Q29...8",
                        "Specific_denom" = "Specific denom",
                        "Regions" = "QR: Region",
                        "Mask_Required" = "Q30.2",
                        "Covid_Congregation" = "Q22",
                        "Livestreaming" = "Q10.3",
                        "In_person_attendees" = "Q8",
                        "Over65_Props" = "Q9") %>%


  drop_na(Specific_denom) %>%
  mutate(Weeks_Closed = parse_number(Weeks_Closed))
```

```
Church <- Church |>
  select(Weeks_Closed, Social_Distancing, Specific_denom,
         Livestreaming, Regions, Signage_of_protocols, Over65_Props) %>%
  na.omit()
```

```
glimpse(Church)
```

```
## Rows: 701
## Columns: 7
## $ Weeks_Closed         <dbl> 15, 26, 32, 60, 8, 24, 11, 41, 13, 27, 45, 24, 22~
## $ Social_Distancing    <lgl> TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, T~
## $ Specific_denom       <chr> "CRC", "CRC", "DOC", "CRC", "ND", "AG", "C", "RCA~
## $ Livestreaming        <lgl> TRUE, FALSE, TRUE, FALSE, TRUE, TRUE, FALSE, FALS~
## $ Regions              <chr> "MW", "MW", "MW", "MW", "MW", "MW", "MW", "MW", "~
```

```
## $ Signage_of_protocols <lgl> TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, FALSE, TRUE, ~
## $ Over65_Props       <dbl> 5, 4, 6, 5, 2, 3, 6, 3, 8, 4, 4, 3, 4, 4, 3, 2, 6~
```