Lab 4

Math 241, Week 4

```
# Put all necessary libraries here
library(tidyverse)
library(ggplot2)
library(tidytuesdayR)
library(readr)
library(datapasta)
library(dplyr)
#tinytex::install_tinytex()

#using the libraries
covid_survey <- read_csv("C:/Users/agjjo/OneDrive/Documents/GitHub/math241/labs/lab04/data/covid-survey
#View(covid_survey)
dim(covid_survey)</pre>
```

[1] 1122 14

Problem 1: COVID survey - interpretation

first thing that jumps out to me is that these nursing students do not seem to trust the vaccine Look at age * safe: the mid 20's students have the highest trust (older/younger rated lower with lower variation) the only clear indicator for if someone is queer was the gender question but, its seems like queer(in this case, nonbinary) students were more likely to trust the vaccine North american indigenous students had high variability all responses. This makes me think that that grouping on it's own is a poor predictor and if you wanted better info about that population(those populations) you would have to bring in more context ## Problem 2: COVID survey - reconstruct

```
#))
# Showing dimensions of the cleaned data
dim(covid_cleaned)
```

[1] 1112 14