Pilot Data

W241: Fox, George, McCleary

7/7/2022

Load and Merge Data

```
pilot_data_hannah <- readxl::read_xlsx("w241 Final Project Data.xlsx", sheet = 2, n_max = 48)
pilot_data_allison <- readxl::read_xlsx("w241 Final Project Data.xlsx", sheet = 3, n_max = 48)
pilot_data_carlie <- readxl::read_xlsx("w241 Final Project Data.xlsx", sheet = 4, n_max = 48)
pilot_data_carlie <- pilot_data_carlie[,c(1:51)]
pilot_data <- rbind(pilot_data_hannah, pilot_data_allison, pilot_data_carlie)
```

Prepare data for plot

```
pilot_data <- pilot_data %>% pivot_longer(cols = c(`Average Bias`, `Average Reliability`),
                                          names_to = 'Metric', values_to = 'Value')
pilot_data$Value <- as.numeric(pilot_data$Value)
```

Plot Data

```
ggplot(pilot_data, aes(fill=Website, y = Value, x = Metric)) +
  geom_bar(position='dodge', stat='identity') +
  labs(title = "Average Bias and Reliability of News Sources on Facebook and Youtube")
```

Average Bias and Reliability of News Sources on Facebook and Youtube