

Call Report

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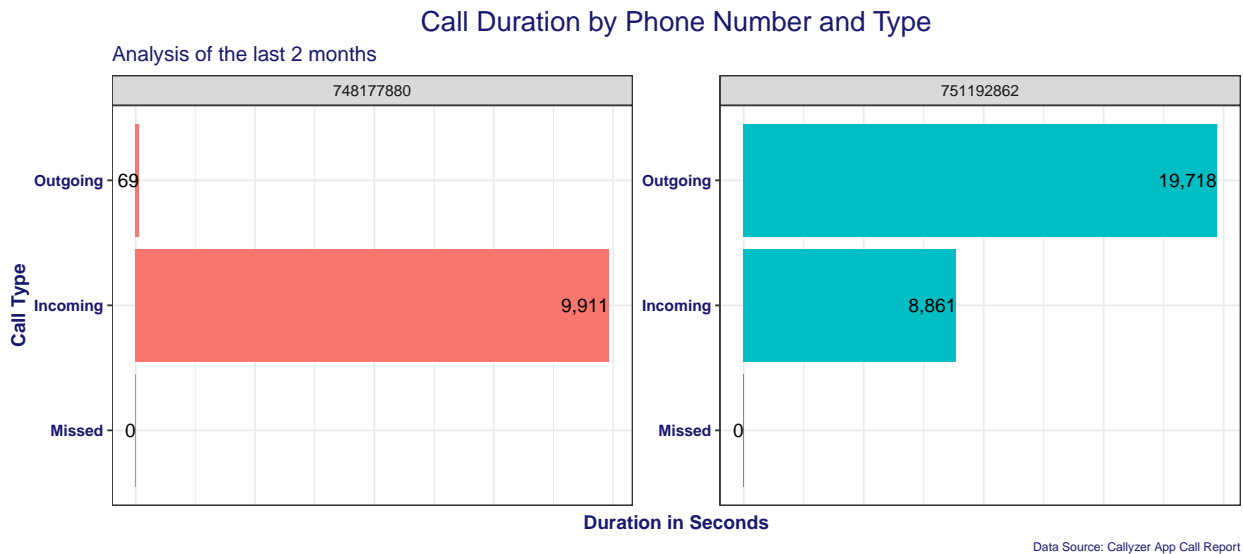
Read data

```
calls <- read_csv("datasets/call_report.csv", show_col_types = F) %>% clean_names()
```

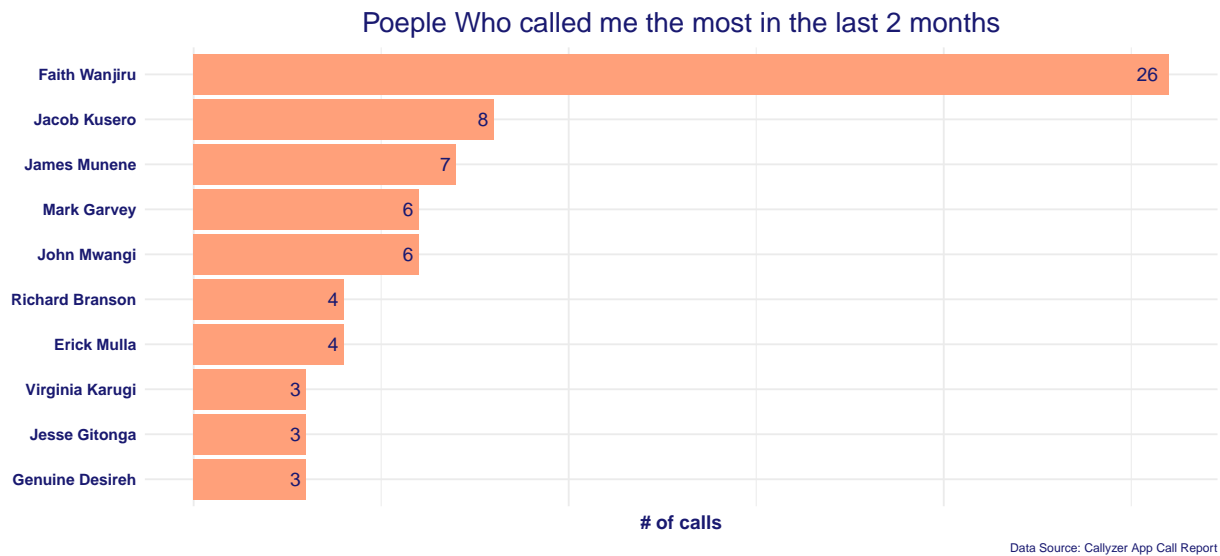
Cleaning Pipeline

```
calls_cleaned <- calls %>%  
  filter(!name == "Unknown") %>%  
  mutate(  
    from_number = as.numeric(from_number),  
    to_number = as.numeric(to_number)  
  ) %>%  
  separate(  
    duration, into = c("mins", "secs"), sep = " "  
  ) %>%  
  mutate(  
    mins = case_when(str_detect(mins, "m") ~ parse_number(mins)*60,  
                     str_detect(mins, "s") ~ parse_number(mins),  
                     TRUE ~ as.numeric(mins)),  
    secs = case_when(str_detect(secs, "s") ~ parse_number(secs),  
                     TRUE ~ 0),  
    duration = mins + secs  
  ) %>%  
  select(-c(mins, secs, sr_no)) %>%  
  unite(col = date, date:time, sep = " ") %>%  
  mutate(date = ymd_hms(date))
```

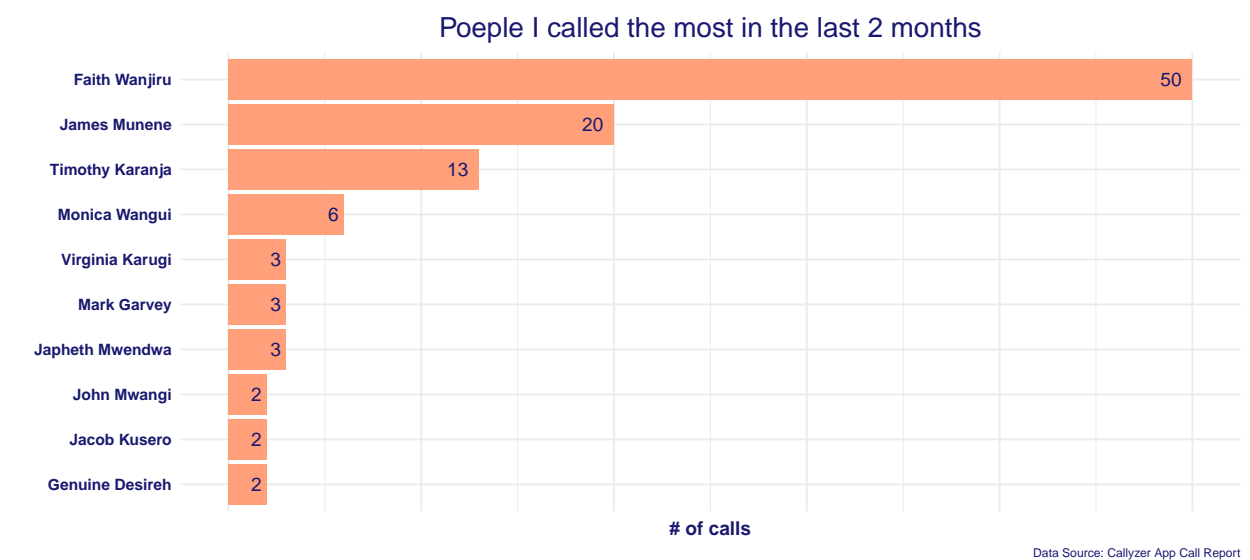
Call Duration by Phone Number and Type



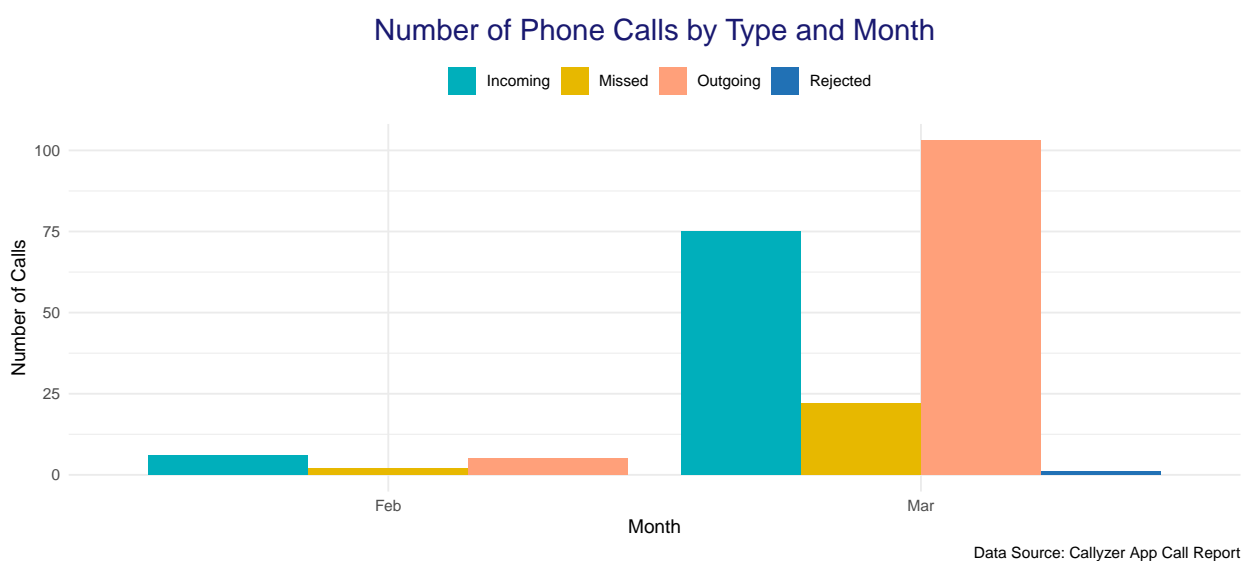
Poeple Who called me the most in the last 2 months



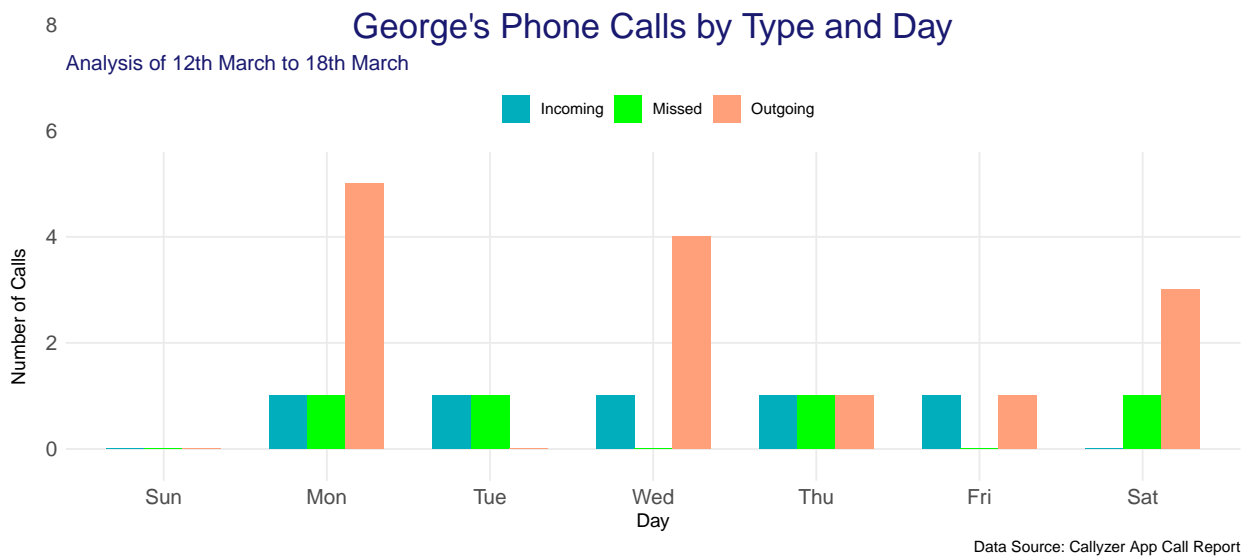
Poeple I called the most in the last 2 months



Number of Phone Calls by Type and Month



George’s Phone Calls by Type and Day



Number of George’s Calls Over Time

