tidytuesday
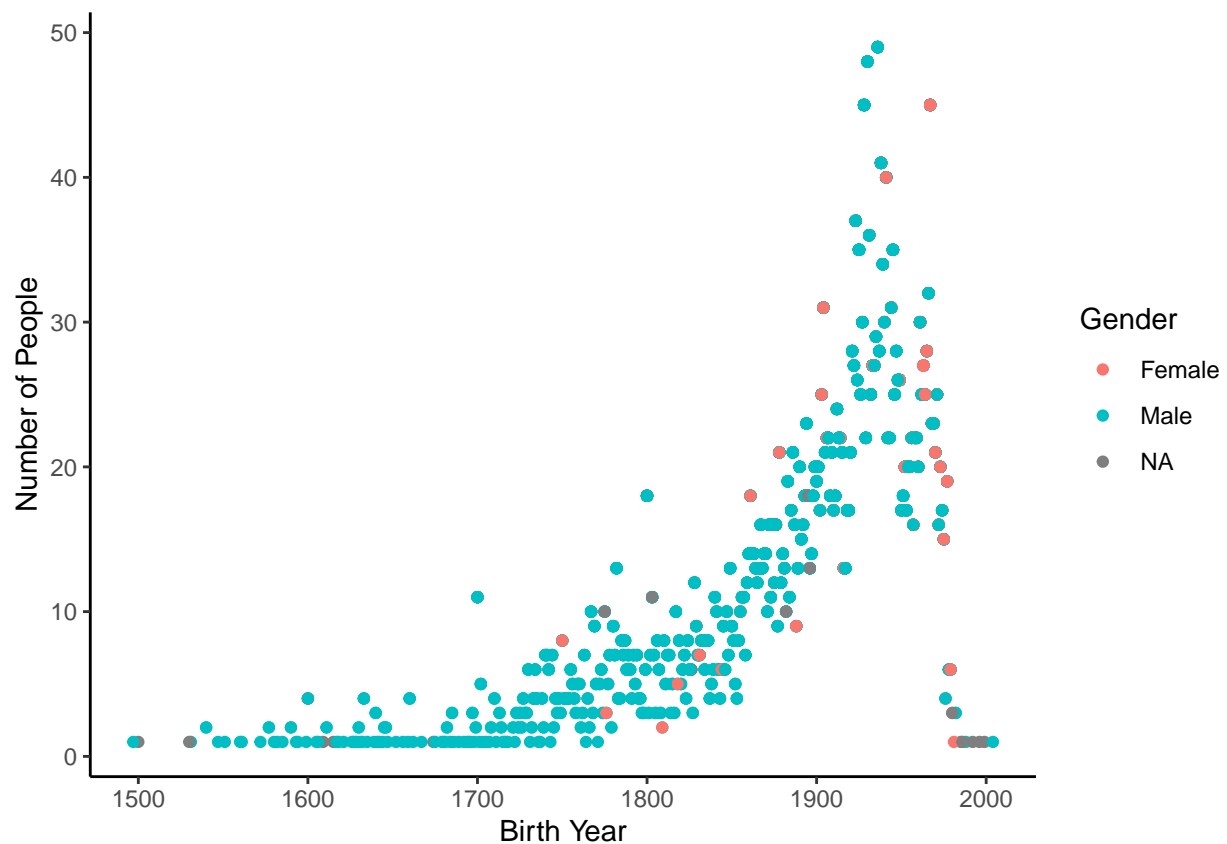
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```r
artwork <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/20
artists <- readr::read_csv("https://github.com/tategallery/collection/raw/master/artist_data.csv")
```
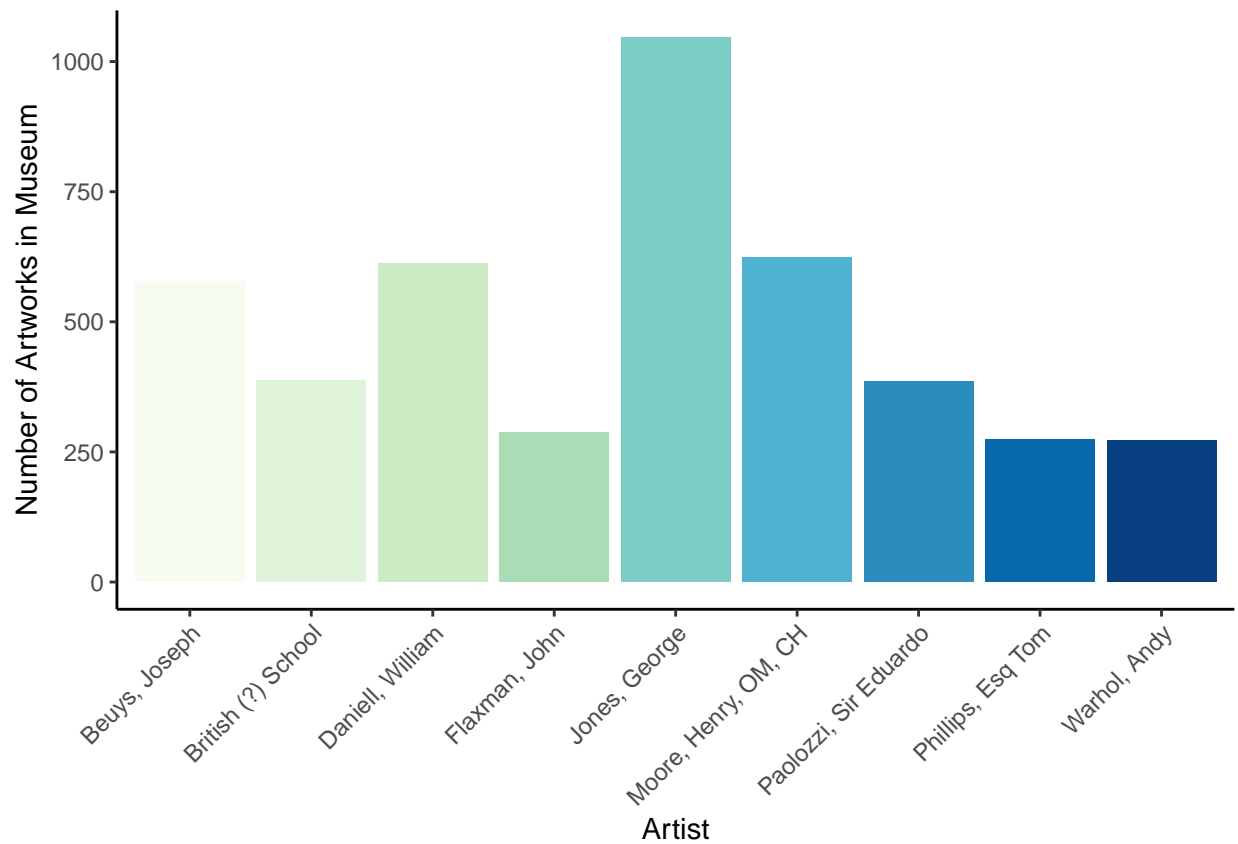
```r
library(tidyverse)
```

```r
artists %>%
  drop_na(yearOfBirth) %>%
  group_by(yearOfBirth) %>%
  mutate(peoplebornperyear = n()) %>%
  ggplot(., aes(x=yearOfBirth, y = peoplebornperyear, color = gender)) + geom_point() +
  theme_classic() +
  labs(x="Birth Year", y="Number of People", color = "Gender")
```

```
#length(unique(artwork$artist))

artwork %>% group_by(artist) %>% summarise(numberofartworks = n()) %>%
  filter(numberofartworks > 10) %>%
  arrange(desc(numberofartworks)) %>%
  top_n(numberofartworks, n=10) %>%
  filter(!artist == "Turner, Joseph Mallord William") %>%
  ggplot(., aes(x=artist, y=numberofartworks, fill=artist)) + geom_col() +
  theme_classic()  +
  theme(axis.text.x = element_text(angle = 45, vjust = 1, hjust = 1)) +
  scale_fill_brewer(palette = 4) +
  labs(x = "Artist", y="Number of Artworks in Museum") +
  theme(legend.position = "none")
```