data558a_week04_participation

Will Wright

02 February 2020

```r
cat("Example of trivial r code in a chunk")
```

```
## Example of trivial r code in a chunk
```

```r
x <- 2 + 2
```

Example of in-line R code, which references that chunk: x = 4.

```r
g <- ggplot(starwars[which(starwars$species=="Human" & is.na(starwars$height)==FALSE),], aes(x = reorder
g + geom_bar(stat = "identity") +
  theme_bw() +
  labs(title = "Heights of Star Wars Characters",
       x = "Character",
       y = "Height") +
  theme(axis.text.x = element_text(angle = 40, hjust = 1))
```
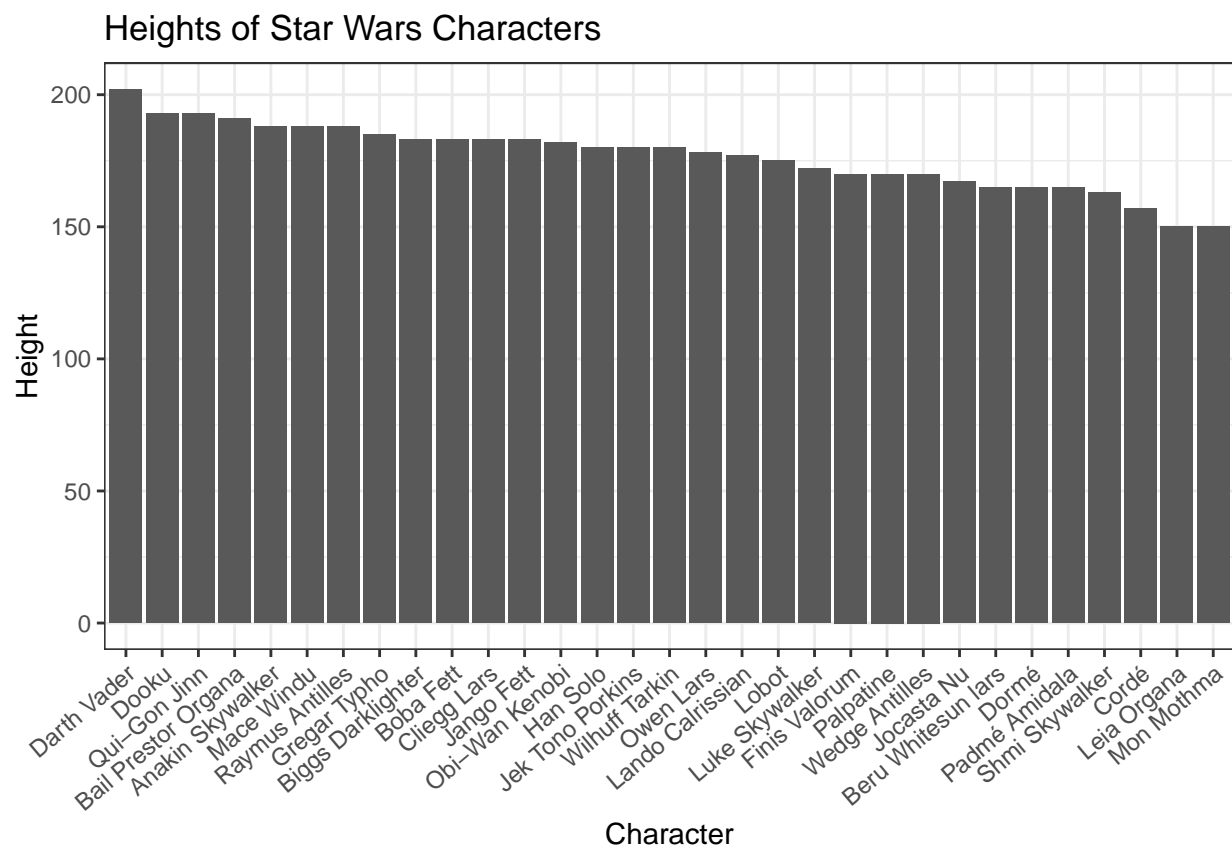
Figure 1: A ggplot of human Starwars character heights

Table 1: A knitr kable table of starwars data

name	height
Darth Vader	202
Qui-Gon Jinn	193
Anakin Skywalker	188
Biggs Darklighter	183
Boba Fett	183
Obi-Wan Kenobi	182
Wilhuff Tarkin	180
Han Solo	180
Jek Tono Porkins	180
Owen Lars	178
Lando Calrissian	177
Lobot	175
Luke Skywalker	172
Wedge Antilles	170
Palpatine	170
Finis Valorum	170
Beru Whitesun lars	165
Leia Organa	150
Mon Mothma	150
Arvel Crynyd	NA

Some text referring to @ref(fig:starwars-plot)

```r
head(starwars[which(starwars$species=="Human"),],20) %>%
  select(name, height) %>%
  arrange(desc(height)) %>%
  knitr::kable(caption = "A knitr kable table of starwars data")
```

We can see, in table @ref(tab:starwars-tbl) that people have heights.

And finally, here is an image of some characters' relative heights:

2m

1m

2.16m

2.03m

1.72m

0.66m