5_31_TidyTuesday

```
poll <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data/2022/
```

```
## Rows: 500 Columns: 8
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (2): company, industry
## dbl (6): 2022_rank, 2022_rq, change, year, rank, rq
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
reputation <- readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidytuesday/master/data
```

```
## Rows: 700 Columns: 5
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (3): company, industry, name
## dbl (2): score, rank
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
top_2022 <- poll %>%
   rename(rank_2022 = `2022_rank`) %>%
  filter(rank_2022 < 21)
```

```
industry_2021 <- poll %>%
  rename(rank_2022 = `2022_rank`) %>%
  drop_na(rank) %>%
  filter(year == 2021) %>%
  group_by(industry) %>%
  count()
```

```
industry_2021 <- industry_2021 %>%
  mutate(proportion = n/100)
```

```
a <- industry_2021 %>%
  ggplot(aes(x="", y=proportion, fill = industry, label = proportion)) +
  guides(fill=guide_legend(override.aes=list(colour=NA))) +
  geom_bar(stat="identity", width=1) +
  coord_polar("y", start=0)+
   theme_void()+
   ggtitle("2021 Rankings By Industry")
```

```r
industry_2020 <- poll %>%
  rename(rank_2022 = `2022_rank`) %>%
  drop_na(rank) %>%
  filter(year == 2020) %>%
  group_by(industry) %>%
  count() %>%
  mutate(proportion = n/100)
```

```r
b <- industry_2020 %>%
  ggplot(aes(x="", y=proportion, fill = industry, label = proportion)) +
  guides(fill=guide_legend(override.aes=list(colour=NA))) +
  geom_bar(stat="identity", width=1) +
  coord_polar("y", start=0)+
   theme_void()+
   ggtitle("2020 Rankings By Industry")
```

```r
industry_2019 <- poll %>%
  rename(rank_2022 = `2022_rank`) %>%
  drop_na(rank) %>%
  filter(year == 2019) %>%
  group_by(industry) %>%
  count() %>%
  mutate(proportion = n/100)
```

```r
c <- industry_2019 %>%
  ggplot(aes(x="", y=proportion, fill = industry, label = proportion)) +
  guides(fill=guide_legend(override.aes=list(colour=NA))) +
  geom_bar(stat="identity", width=1) +
  coord_polar("y", start=0)+
   theme_void()+
   ggtitle("2019 Rankings By Industry")
```

```r
industry_2018 <- poll %>%
  rename(rank_2022 = `2022_rank`) %>%
  drop_na(rank) %>%
  filter(year == 2018) %>%
  group_by(industry) %>%
  count() %>%
  mutate(proportion = n/100)
```

```r
d <- industry_2018 %>%
  ggplot(aes(x="", y=proportion, fill = industry, label = proportion)) +
  guides(fill=guide_legend(override.aes=list(colour=NA))) +
  geom_bar(stat="identity", width=1) +
  coord_polar("y", start=0)+
   theme_void()+
   ggtitle("2018 Rankings By Industry")
```

```r
industry_2017 <- poll %>%
  rename(rank_2022 = `2022_rank`) %>%
  drop_na(rank) %>%
```

```
  filter(year == 2017) %>%
  group_by(industry) %>%
  count() %>%
  mutate(proportion = n/100)
```

```
e <- industry_2017 %>%
  ggplot(aes(x="", y=proportion, fill = industry, label = proportion)) +
  guides(fill=guide_legend(override.aes=list(colour=NA))) +
  geom_bar(stat="identity", width=1) +
  coord_polar("y", start=0)+
   theme_void()+
   ggtitle("2017 Rankings By Industry")
```

```
grid.arrange(a, b, c, arrangeGrob(d, e, ncol=2),
  nrow = 2,
  top = "Title of the page")
```