

## Class\_day\_6

### R Markdown

```
raw_data <- read_excel("/Users/Nansi/Desktop/Gov_1005/Classwork_day_6/raw_data/class_enrollment_summary.xlsx")
clean_names()
```

```
raw_data_clean <- raw_data %>%
  arrange(desc(total)) %>%
  select("course_id", "course_name", "total") %>%
  drop_na()
```

```
raw_data_clean %>%
  group_by(course_id, course_name) %>%
  summarize(enrollment = sum(total),
            .groups = "drop") %>%
  arrange(desc(enrollment)) %>%
  slice(1:10) %>%
  ggplot(mapping = aes(x = fct_reorder(course_name, enrollment),
                           y = enrollment)) +

    geom_col(fill = "darkred") +
  labs(title = "10 Most Popular Courses at Harvard",
       subtitle = "Spring 2021",
       caption = "Harvard Registrar",
       x = "Course Title",
       y = "Total Enrollment") +
  coord_flip() +
  theme_classic()
```

## 10 Most Popular Courses at Harvard Spring 2021

