Week11-qualtrics

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Library Imports

```r
knitr::opts_chunk$set(echo = TRUE)
library(qualtRics)
library(tidyverse)
library(ggplot2)
library(lubridate)
library(stringr)

qualtrics_api_credentials(api_key =  "6yke5cuOYWhfHqf7QyLpBNQ4uMlpRMNxuXpStYuG", base_url = "https://um
```

Data Import

```r
surveys <- all_surveys()
surveys$creationDate = str_replace(surveys$creationDate, "[A-Z]+", " ")
surveys$creationDate = ymd_hms(surveys$creationDate)
```

Visualization

```r
ggplot(surveys, aes(x = creationDate)) +
  stat_bin() +
  labs(x = "creation year", y = "number of surveys")
```

number of surveys

creation year

2018–07   2019–01   2019–07   2020–01