df-importExport

1. Using package `readr` from `TidyVerse`

(use this for csv files, readr does not have "read_xls")

```
library(tidyverse)
df1 <- read_csv("data/data.csv")
```

2. Using package `rio` (not part of tidyverse)

(note: reads both `.csv` or `.xlsx` files. Note also the pwd)

```
library(rio)

df2 <- import("data/datesData.xlsx")
tibble(df2)
```

```
# A tibble: 10 x 3
   Date                OneDose TwoDose
   <dttm>                <dbl>   <dbl>
 1 2021-01-11 00:00:00    3400       0
 2 2021-01-12 00:00:00    6200       0
 3 2021-01-22 00:00:00   60000       0
 4 2021-01-27 00:00:00  113000      50
 5 2021-01-31 00:00:00  155000      50
 6 2021-02-02 00:00:00  175000    6000
 7 2021-02-10 00:00:00  250000    6000
 8 2021-02-18 00:00:00  250000  110000
 9 2021-03-01 00:00:00  317715  207324
10 2021-03-04 00:00:00  350000  215000
```

```r
df3 <- import("data/datesData.csv")
tibble(df3)
```

```
# A tibble: 10 x 3
   Date       OneDose TwoDose
   <IDate>      <int>   <int>
 1 2021-01-11    3400       0
 2 2021-01-12    6200       0
 3 2021-01-22   60000       0
 4 2021-01-27  113000      50
 5 2021-01-31  155000      50
 6 2021-02-02  175000    6000
 7 2021-02-10  250000    6000
 8 2021-02-18  250000  110000
 9 2021-03-01  317715  207324
10 2021-03-04  350000  215000
```

3. package `rio` - export

(can export to `.xlsx` or `.csv` file)

```r
export(df3, "data/vaccines.csv")
```