dates-eeptools

1. Calculating age from Dates

```r
library(tidyverse) #includes lubridate, readr
library(eeptools)

df <- read_csv("Name, dob
                HANKS Tom, 1956-07-09
                SANDLER Adam, 1966-09-09
                SMITH Will, 1968-09-25
                CUMBERBATCH Benedict, 1976-07-19
                FOX Megan, 1986-05-16
                STONE Emma, 1988-11-06
                RADCLIFFE Daniel, 1989-07-23
                STEWART Kirsten, 1990-04-09
                WATSON Emma, 1990-04-15
                ")
df$dob <- as.Date(df$dob)
tibble(df)
```

```
# A tibble: 9 x 2
  Name                 dob
  <chr>                <date>
1 HANKS Tom            1956-07-09
2 SANDLER Adam         1966-09-09
3 SMITH Will           1968-09-25
4 CUMBERBATCH Benedict 1976-07-19
5 FOX Megan            1986-05-16
6 STONE Emma           1988-11-06
7 RADCLIFFE Daniel     1989-07-23
8 STEWART Kirsten      1990-04-09
9 WATSON Emma          1990-04-15
```

```
df <- arrange(df,-desc(dob))
df
```

```
# A tibble: 9 x 2
  Name                dob
  <chr>               <date>
1 HANKS Tom           1956-07-09
2 SANDLER Adam        1966-09-09
3 SMITH Will          1968-09-25
4 CUMBERBATCH Benedict 1976-07-19
5 FOX Megan           1986-05-16
6 STONE Emma          1988-11-06
7 RADCLIFFE Daniel    1989-07-23
8 STEWART Kirsten     1990-04-09
9 WATSON Emma         1990-04-15
```

```
df1<- df %>%  mutate(age=age_calc(dob,units="years")) %>%
      mutate(mth=month(dob))
df1$mth<-month.abb[df1$mth]
df1
```

```
# A tibble: 9 x 4
  Name                dob           age mth
  <chr>               <date>      <dbl> <chr>
1 HANKS Tom           1956-07-09   68.1 Jul
2 SANDLER Adam        1966-09-09   57.9 Sep
3 SMITH Will          1968-09-25   55.8 Sep
4 CUMBERBATCH Benedict 1976-07-19  48.0 Jul
5 FOX Megan           1986-05-16   38.2 May
6 STONE Emma          1988-11-06   35.7 Nov
7 RADCLIFFE Daniel    1989-07-23   35.0 Jul
8 STEWART Kirsten     1990-04-09   34.3 Apr
9 WATSON Emma         1990-04-15   34.3 Apr
```