almond_yield

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#reading in the climate data

```
clim_data <- read.delim(here("data", "clim.txt"), sep = " ")

# view(clim_data)
```

```
source(file = here("R", "almond_yield.R"))

almond_yield_df <- almond_yield(data = clim_data)
```

```
## `summarise()` has grouped output by 'year'. You can override using the `.groups` argument.

## Adding missing grouping variables: `year`
## Adding missing grouping variables: `year`

## Joining, by = "year"
```

```
almond_yield_df
```

```
## # A tibble: 22 x 2
## # Groups:   year [22]
##     year    yield
##    <int>    <dbl>
##  1  1989   -0.355
##  2  1990    9.29
##  3  1991   68.9
##  4  1992   15.4
##  5  1993   20.2
##  6  1994    2.48
##  7  1995 1920.
##  8  1996    3.58
##  9  1997  330.
## 10  1998   27.9
## # ... with 12 more rows
```

```
ggplot(data = almond_yield_df, aes(x = year, y = yield)) +
  geom_col(fill = "blue") +
  labs(title = "Almond Yield Anomoly (1989 - 2010)",
       subtitle = "Based on January precipitation and February minimum temp. values.",
```

```
      x = "Year",
      y = "Yield Anomoly (Ton/Acre)") +
theme_minimal()
```