NASA Global Temperature Anomalies

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Description:

This is a NASA dataset offering a view of global temperature anomalies. The dataset contains time series data containing the average temperature per month between January, 1888 and October, 2017. In addition to monthly averages, there are also seasonal averages tracked during the same time period. It is also import to note that averages are split by global level and earth hemispheres.

Variables:

Year: Year which estimated data in row corresponds

Measurement_Region: Geographical area at which measurement is done; land air surface (at global level), land air surface (from the northern hemisphere level), land air surface (from the southern hemisphere), land and oceans (at global level), land and oceans (from the northern hemisphere level), land and oceans (from the southern hemisphere)

January_Average_Temperature: The average temperature in January (in Celsius degrees)

The same variable above is repeated for each month of the year

Seasonal_Temperature_December_January_February: The seasonal average temperature measured from December to February (in Celsius degrees)

The same variable above is repeated for the following month ranges:

*March-April-May

*June-July-August

*September-October-November

Code to import:

```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5     v purrr   0.3.4
## v tibble  3.1.2     v dplyr   1.0.7
## v tidyr   1.1.3     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.1
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
temp <- read.csv("temp.csv")
```

Alternative code to import:

```
library(tidyverse)
temp <- read.csv(url("https://pkgstore.datahub.io/JohnSnowLabs/nasa-global-temperature-anomalies-time-s
```

The full link in the code above can be found in the section below - all you need to do is copy the link labeled "URL link to csv file" and paste it into the parentheses within "read.csv(url(""))

References/link

Link to website: https://datahub.io/JohnSnowLabs/nasa-global-temperature-anomalies-time-series-1880-2017

URL link to csv file: https://pkgstore.datahub.io/JohnSnowLabs/nasa-global-temperature-anomalies-time-series-1880-2017/nasa-global-temperature-anomalies-time-series-1880-2017-csv_csv/data/d0f07b1b1f0f66bd16e07848ac8794cd/nasa-global-temperature-anomalies-time-series-1880-2017-csv_csv.csv

*Note: if you are having trouble with the read.csv command above, you can use the link above and hit save or ctrl+s to download the dataset onto your local machine