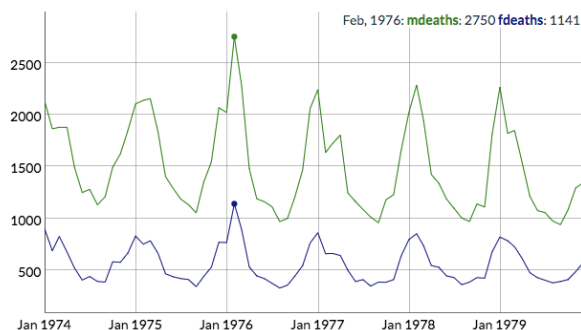# Dygraphs cheat sheet

Quick Start

Use install.packages("pygraphs") to installize

First Example

```
library(dygraphs)
lungDeaths <- cbind(mdeaths, fdeaths)
dygraph(lungDeaths)
```


Options

Single Series Option

```
dygraph(...) %>%
dyOptions(...)
```

colors:color palette for series lines
stepPlot:make lines as step style
fillGraph:fill in the area underneath
drawPoints:draw point in a series
pointSize:point size
axisLineColor:axis color(value e.g. "navy")
gridLineColor:line color

Per Series Option

```
dygraph(...) %>%
dySeries(...) %>%
dySeries(...)
Cumstomized of each series
```

Labels & Legends & Axis

Labels

```
dygraphs(...)
Options:
Main: title
Ylab: y axis label
Xlab: x axis label
```

Legends

```
dygraphs(...) %>%
dyLegend(...)
Options:
Show: always/follow
Width: legend size
```
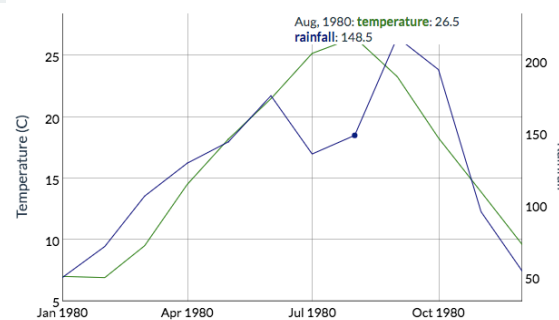
Axis

```
dygraphs(...) %>%
DyAxis(...)
Options:
Pos:x/y(choose axis)
Label:Label for axis
valueRange:Range for axis
```
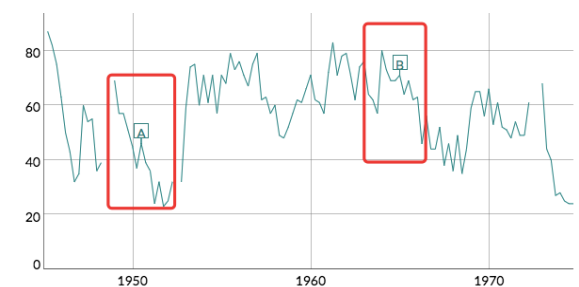
Double Axis

```
dygraphs(...) %>%
dyAxis("y", ...) %>%
dyAxis("y2", ...) %>%
DySeries(varaible, axis = "y2")
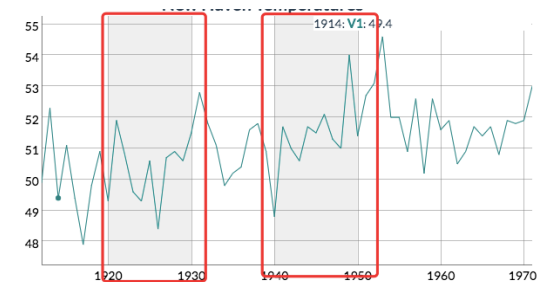```



## Line Feature

### Annotation

```
dyAnnotation(time, text,...)
```


Shading

```
dyShading(from =..., to ...)
```


Hline & vline

```
dyEvent - equals to hline in ggplot
dyLimit - equals to vline in ggplot
```

Other Features

Candlestick

```
dyCandlestick()
```

Range Selector

```
dyRangeSelector()
```

Highlight

```
dyHighlight(...)
```