Mon module de cours

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Introduction

Quelques mots sur les **objectifs de ce cours** et les données utilisées.

Du texte et un graphique

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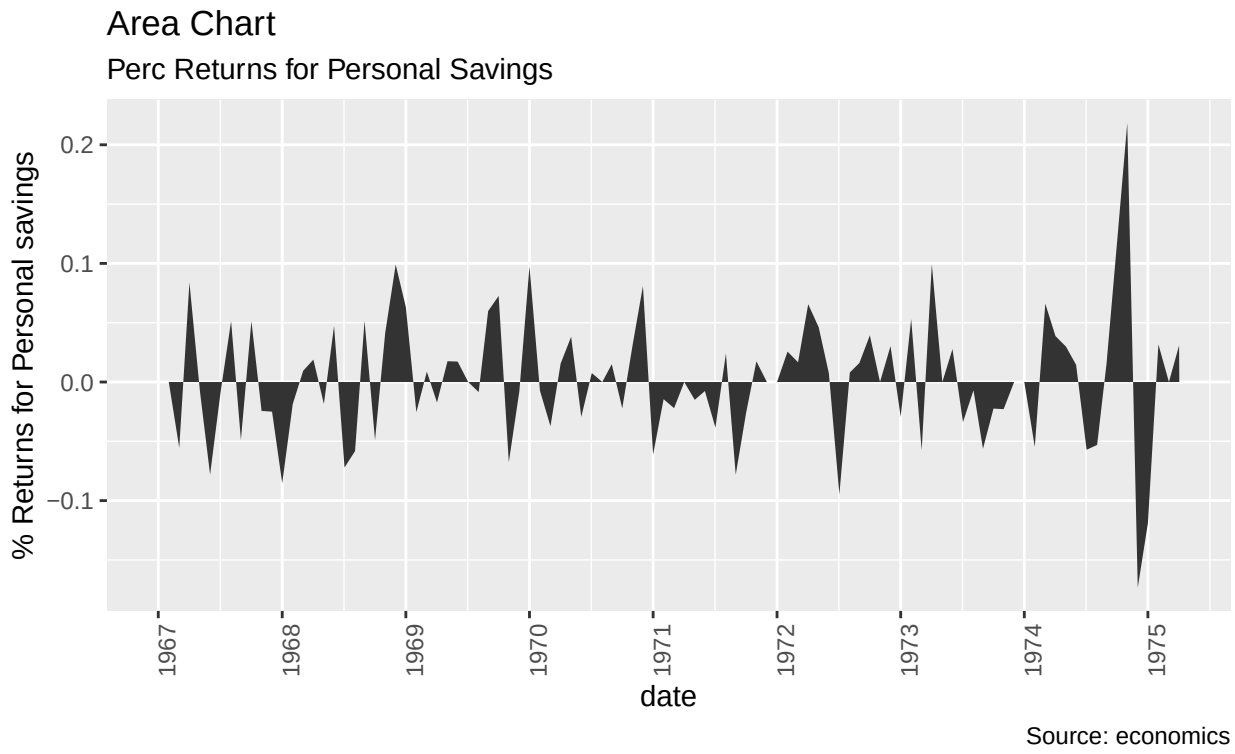
Source du graphique : http://r-statistics.co/Top50-Ggplot2-Visualizations-MasterList-R-Code.html

```
library(ggplot2)
library(quantmod)
data("economics", package = "ggplot2")

# Compute % Returns
economics$returns_perc <- c(0, diff(economics$psavert)/economics$psavert[-length(economics$psavert)])

# Create break points and labels for axis ticks
brks <- economics$date[seq(1, length(economics$date), 12)]
lbls <- lubridate::year(economics$date[seq(1, length(economics$date), 12)])

# Plot
ggplot(economics[1:100, ], aes(date, returns_perc)) +
  geom_area() +
  scale_x_date(breaks=brks, labels=lbls) +
  theme(axis.text.x = element_text(angle=90)) +
  labs(title="Area Chart",
       subtitle = "Perc Returns for Personal Savings",
       y="% Returns for Personal savings",
       caption="Source: economics")
```



Un tableau avec quelques données

Voici un petit tableau :

```
head(economics, n = 3L)
```

date	pce	pop	psavert	uempmed	unemploy	returns_perc
1967-07-01	506.7	198712	12.6	4.5	2944	0.0000000
1967-08-01	509.8	198911	12.6	4.7	2945	0.0000000
1967-09-01	515.6	199113	11.9	4.6	2958	-0.0555556