About the chart - Points: similar to series, but without connecting lines; good to highlight discrete observations.

Graphics environment setup.

# installation   
#install.packages("daltoolbox")  
  
# loading DAL  
library(daltoolbox)

library(ggplot2)  
library(RColorBrewer)  
  
# color palette  
colors <- brewer.pal(4, 'Set1')  
  
# setting the font size for all charts  
font <- theme(text = element\_text(size=16))

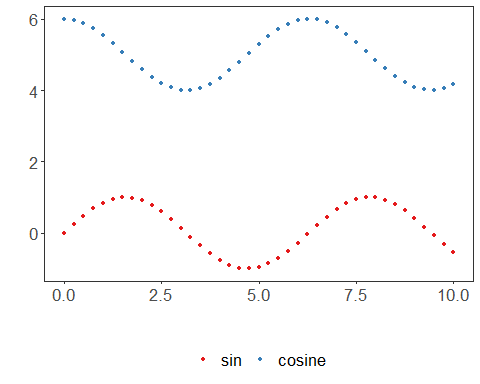
Synthetic time series

Generate a synthetic series for the example and plot points only.

x <- seq(0, 10, 0.25)  
serie <- data.frame(x, sin=sin(x), cosine=cos(x)+5)  
head(serie)

## x sin cosine  
## 1 0.00 0.0000000 6.000000  
## 2 0.25 0.2474040 5.968912  
## 3 0.50 0.4794255 5.877583  
## 4 0.75 0.6816388 5.731689  
## 5 1.00 0.8414710 5.540302  
## 6 1.25 0.9489846 5.315322

# Plot points  
  
# A point plot is similiar to series plot without drawing lines.  
  
# The function returns a preset graphic that can be enhanced.   
grf <- plot\_points(serie, colors=colors[1:2])  
  
# Increasing the font size of the graphics  
grf <- grf + font  
  
# Actual plot  
plot(grf)



References - Wickham, H. (2016). ggplot2: Elegant Graphics for Data Analysis. Springer.