About the chart - Simple time series: exploratory visualization of a temporal vector with ordered x-axis and y values.

Graphics environment setup.

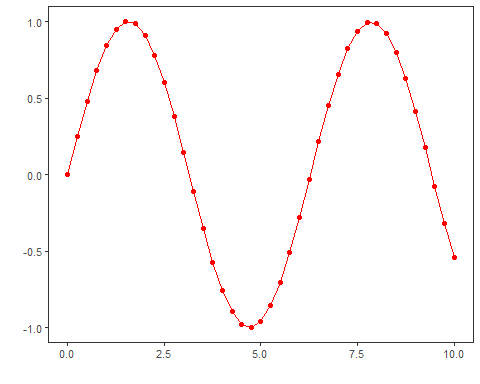
# installation   
#install.packages("daltoolbox")  
  
# loading DAL  
library(daltoolbox)

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 series (sine) for the example and plot with plot\_ts.

# Synthetic time series  
  
x <- seq(0, 10, 0.25)  
y <- sin(x)

# Time series chart  
  
# Basic exploratory visualization of a time series  
  
grf <- plot\_ts(x = x, y = y, color=c("red"))  
plot(grf)



References - Wickham, H. (2016). ggplot2: Elegant Graphics for Data Analysis. Springer. - Hyndman, R. J., and Athanasopoulos, G. (2021). Forecasting: Principles and Practice (3rd ed.). OTexts.