CLAIMS

1. A computer-implemented method (100) for calculating predictive signals for a buy term scenario and a sell term scenario of a financial market and displaying thereof on a volume spread analysis chart (200), the method (100) comprising:

- receiving a historical time series data pertaining to the financial market from a server, wherein the historical time series data comprises a historical volume and a price data, further wherein the historical time series data comprises an elevation and a fall of historical volume and a historical price data pertaining to the financial market;

- analysing a pattern for the buy term scenario and the sell term scenario based on the received historical time series data, wherein the computer-implemented method (100) comprises analysing the pattern for the buy term scenario and the sell term scenario based on the historical time series data comprising the elevation and the fall of the historical volume and the historical price data pertaining to the financial market;

- calculating the predictive signals for the buy term scenario and the sell term scenario and representing a future time series data on the volume spread analysis chart, wherein the computer-implemented method (100) calculates the future time series data based on analysis of the pattern related to the buy term scenario and the sell term scenario based on the historical time series data comprising the elevation and the fall of the historical volume and historical price data, wherein the future time series data comprises:

  - a long buy signal to ensure a time interval purchase of a trade based on the received historical time series data;
  - a short sell signal to enable a sale of a trade in time interval based on the received historical time series data; and
  - a short covering signal to encourage a term purchase of a trade to buy back the sold position based on received historical time series data;

- concurrently displaying the long buy signal, the short sell signal, and the short covering signal on the volume spread analysis chart using different symbolic identifications,

further wherein the different symbolic identifications comprises a square (201) for displaying the long buy signal, a triangle (202) for displaying the short sell signal; and a circle (203) for displaying the short covering signal.

2. The computer-implemented method as claimed in claim 1, wherein the volume spread analysis chart (200) is a data analysis chart of a financial market.

3. The computer-implemented method as claimed in claim 1, wherein the financial market further comprising a stock market.

4. The computer-implemented method as claimed in claim 1, wherein the trade further comprising a sale and a purchase of stocks.