

Time Series Plot

A marketing analyst wants to assess trends in tennis racquet sales. The analyst collects sales data from the previous five years to predict the sales of the product for the next 3 months. As part of the initial investigation, the analyst creates a time series plot to see how sales have changed over time.

1. Open the sample data, [TennisRacquetSales.MTW](#).
2. Open the Time Series Plot dialog box.
 - Mac: **Graphs > Time Series Plot > Single Y Variable: Simple** or **Statistics > Time Series > Time Series Plot > Single Y Variable: Simple**
 - PC: **GRAPHS > Time Series Plot > Single Y Variable: Simple** or **STATISTICS > Graphs and Calculations > Time Series Plot: Single Y Variable**
3. In **Y variable**, enter *Racquets*.
4. Click **OK**.

Interpreting the results

The time series plot shows a clear upward trend. There may also be a slight curve in the data; the increase in the data values seems to accelerate over time.

