Take Moving Average with a period of 3.

This will predict the sales made the next month

The Total Stock should be 25% greater than the predicted sales.

**Calculating a moving Average = (Sales Month 1 + Sales Month 2 + Sales Month 3) / 3**

**Maximum Sales = Predicted Sales + (Predicted Sales \* 0.25)**

**If Stock After Last Month > Maximum Sales:  
 Needed Stock = 0**

**Elif Stock After Last Month < Maximum Sales:**

**Stock Required = Maximum Sales – Stock After Last Month**