

DATA ANALYSIS COURSE

ASSIGNMENT -Tableau

1: Design a Control Chart using Superstore Dataset .Apply the following Upper and Lower control limit formula .

LCL

Results are computed along Table (across).
$$\text{WINDOW_AVG}(\text{SUM}([Sales])) - \text{WINDOW_STDEV}(\text{SUM}([Sales])) * [\text{Standard deviation}]$$

UCL

Results are computed along Table (across).
$$\text{WINDOW_AVG}(\text{SUM}([Sales])) + \text{WINDOW_STDEV}(\text{SUM}([Sales])) * [\text{Standard deviation}]$$

Outliers

$$\text{SUM}([Sales]) > [\text{UCL}]$$

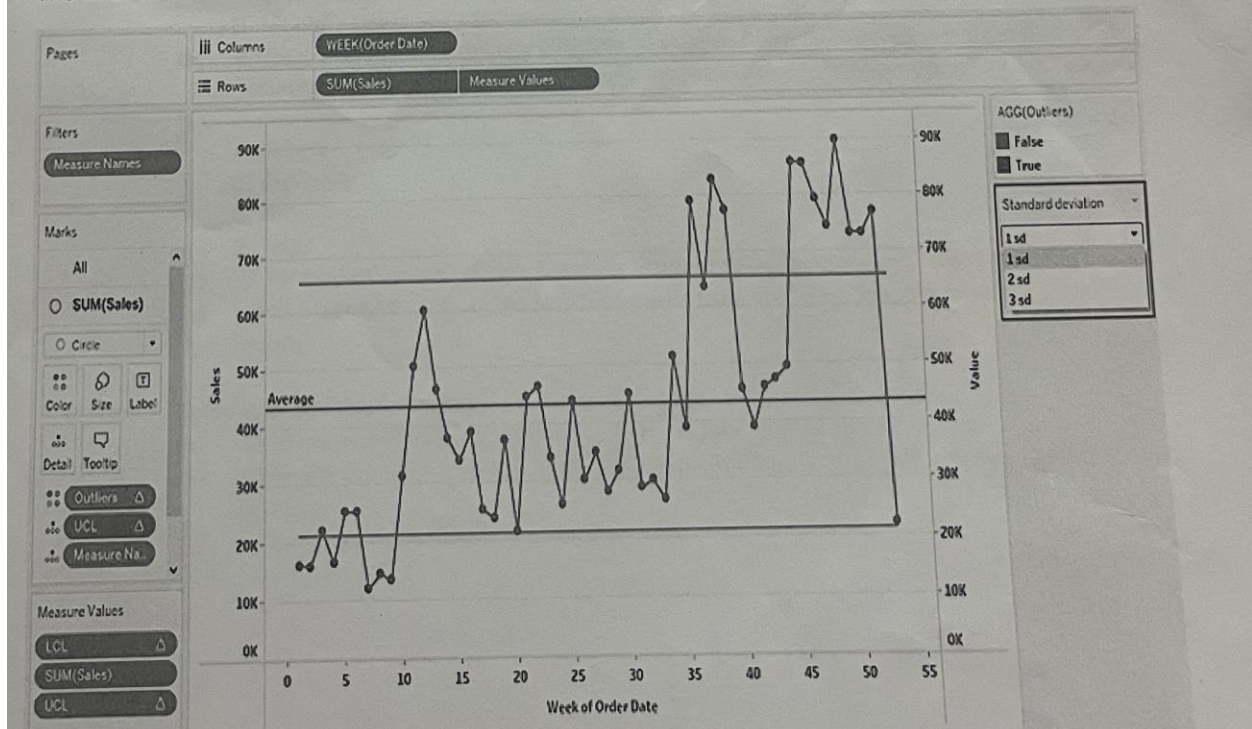
OR
$$\text{SUM}([Sales]) < [\text{LCL}]$$

The calculation is valid.

Apply

OK

The final outcome should look like this:-



2: Write interpretation for the above graph designed .