Tableau Dates

Download the Des Moines weather data from the link on our web site.

# Chart

Connect to the data in Tableau. Then do the following.

1. Create a calculated field that computes the mean temperature as the average of the minimum temperature and maximum temperature.
2. Plot the years on the x-axis.
3. Put the average (not the sum) of the temperature on the y-axis.
4. Apply a filter to the date so that only data from 1/1/1946 through 12/31/2019 is displayed.
5. The type of chart should be line.
6. Change the y-axis minimum to 45 degrees.
7. Change the y-axis maximum to 57 degrees.
8. Change the y-axis title to *Average Temperature*.
9. Change the x-axis title to *Year.*
10. Change the chart title to *Average Annual Temperature, Des Moines, 1946-2019.*
11. Add a trend line.

The resulting chart should look like this:

