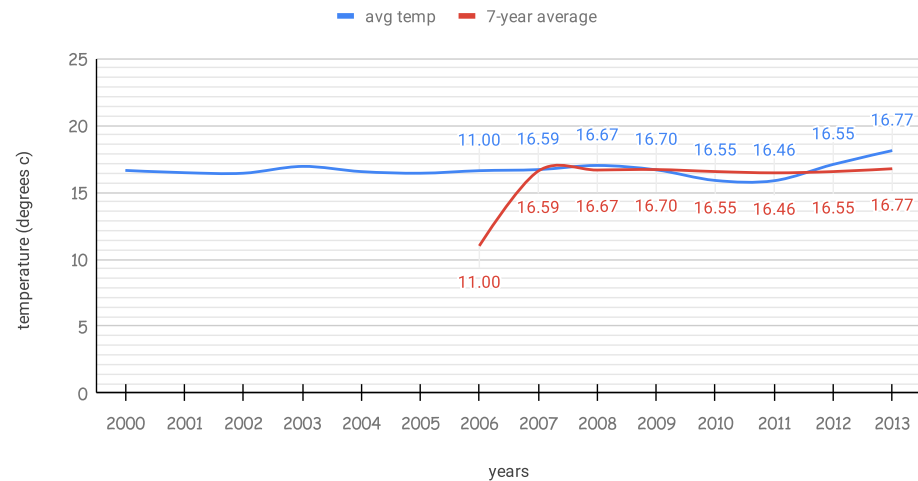


year	city	country	avg temp	7-year average
2000	Los Angeles	United States	16.64	
2001	Los Angeles	United States	16.47	
2002	Los Angeles	United States	16.43	
2003	Los Angeles	United States	16.94	
2004	Los Angeles	United States	16.55	
2005	Los Angeles	United States	16.43	
2006	Los Angeles	United States	16.62	11.00
2007	Los Angeles	United States	16.7	16.59
2008	Los Angeles	United States	17.01	16.67
2009	Los Angeles	United States	16.68	16.70
2010	Los Angeles	United States	15.89	16.55
2011	Los Angeles	United States	15.87	16.46
2012	Los Angeles	United States	17.09	16.55
2013	Los Angeles	United States	18.12	16.77

Average temp los angeles



What tools did you use for each step? I used google's csv to create the graphs and Sql to extract the data from global and city list including avg temp .

How did you calculate the moving average? I calculated the moving average by first uploading the csv files into google sheets. then used the formula ( = average and the supporting colum numbers to calculate the moving average over a 7 year bases.

What were your key considerations when deciding how to visualize the trends? I compared the trends by looking at which two cities on average seemed to be cooler or warmer.

The observations I was able to make between the two charts is that

1. Los angeles seems to be cooler on average then Long Beach even though e cities arent to far apart.
2. Over the past several years los angeles has seemed to remain at a constant. while long beach has some spikes in weather although not to far off. they have some fluxation.
3. In the year of 2006 and 2013 the city of los angeles has had two different jumps in temp. A drop in 2006 and a bit increase in 2013.
4. The temps between these two cities seem to be in a pretty constant state when it comes to weather.