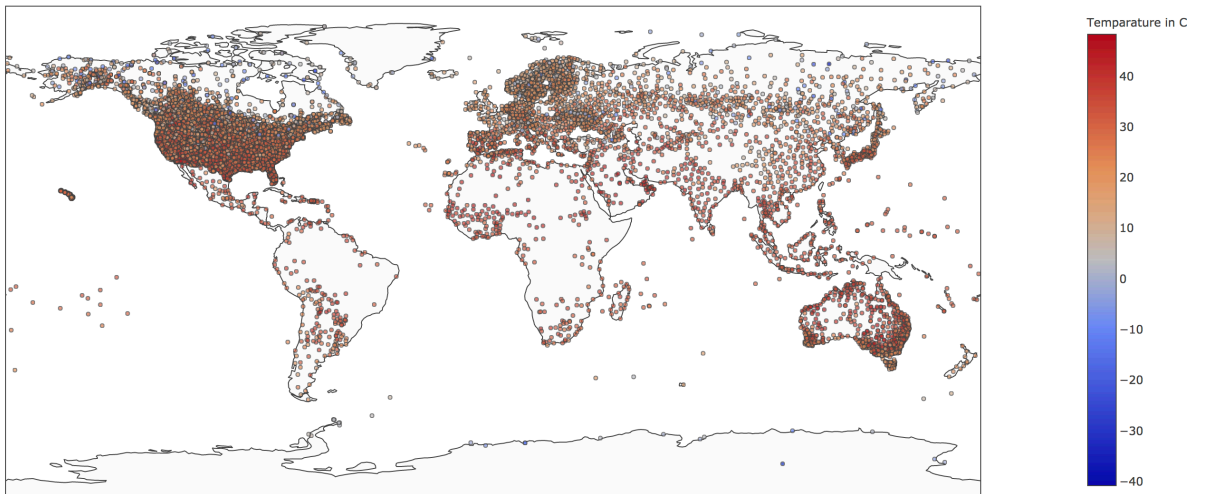


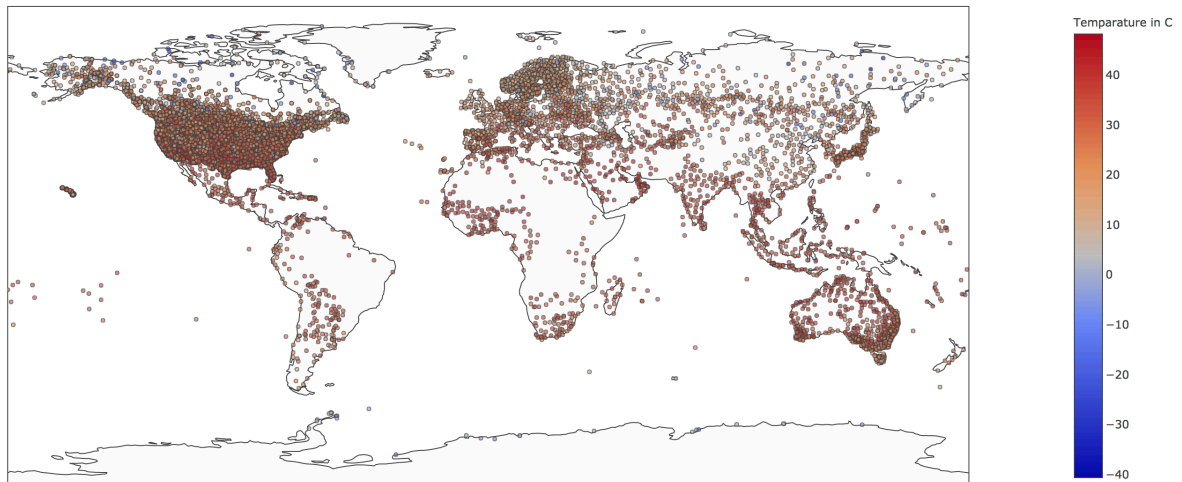
**Dataset = 'tmax-2'**

For first part, I am generating two figures which shows the temperature distribution for the year 2004 & 2015. Interesting thing is the east European region where the max temperature dropped over time.

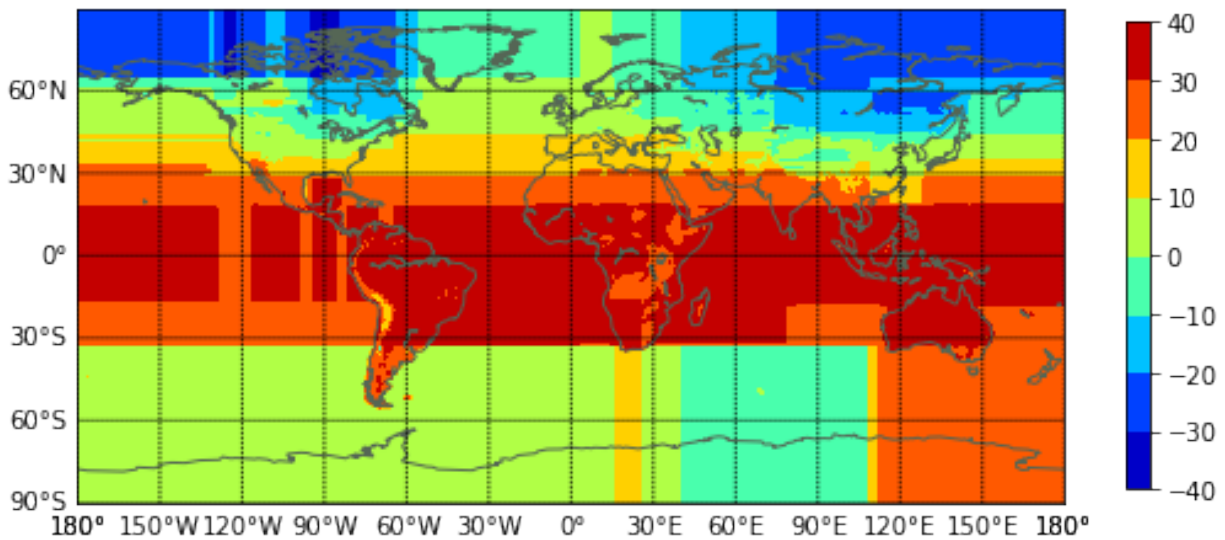
Temperature Distribution for 2004



Temperature Distribution for 2015



This is the dense heat-map generated using my model, which kind of predicted the temperature in a sensible way. You have hotter regions near the equator and the temperature drops as you move towards either of the poles.



This last plot shows the error distribution of my model, using 30% of tmax-2 data and most of the errors lies around 0 degrees, reflects the accuracy of the model.

