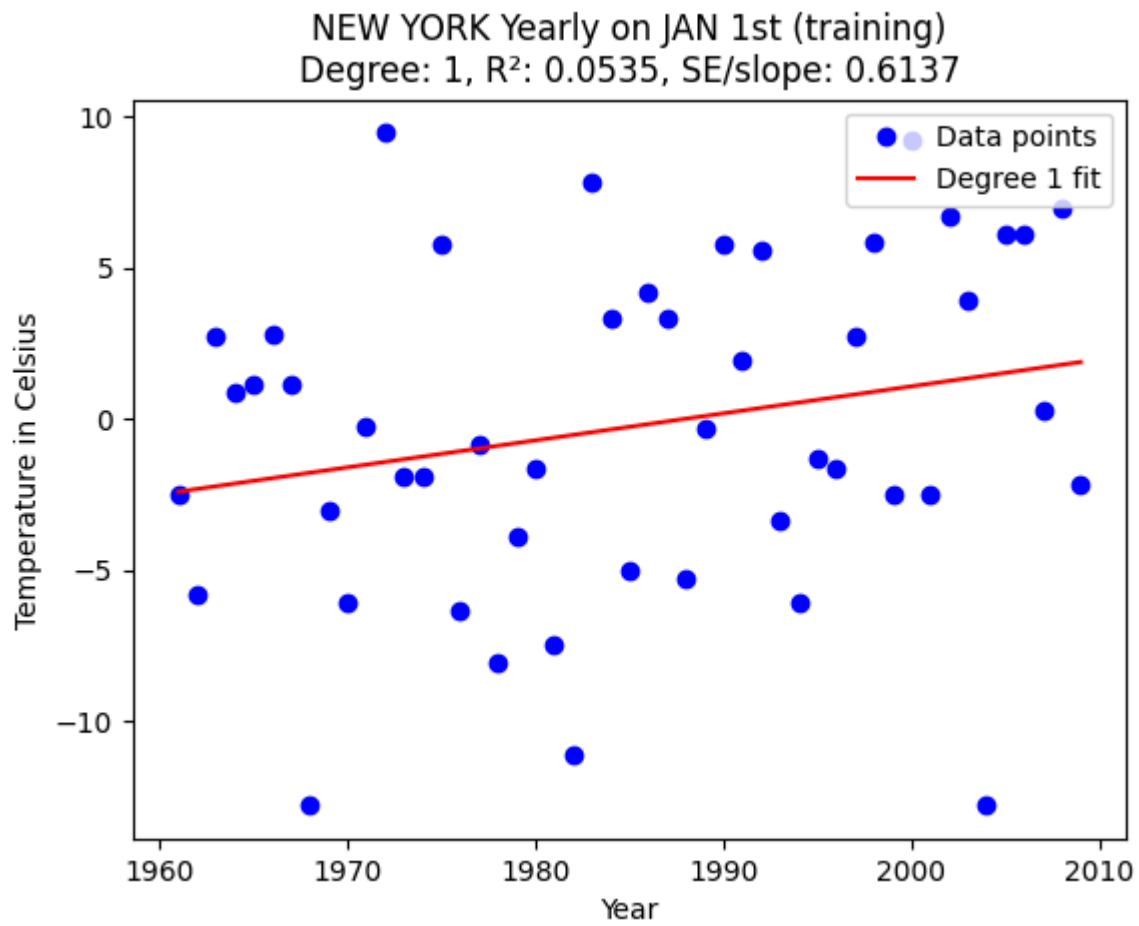
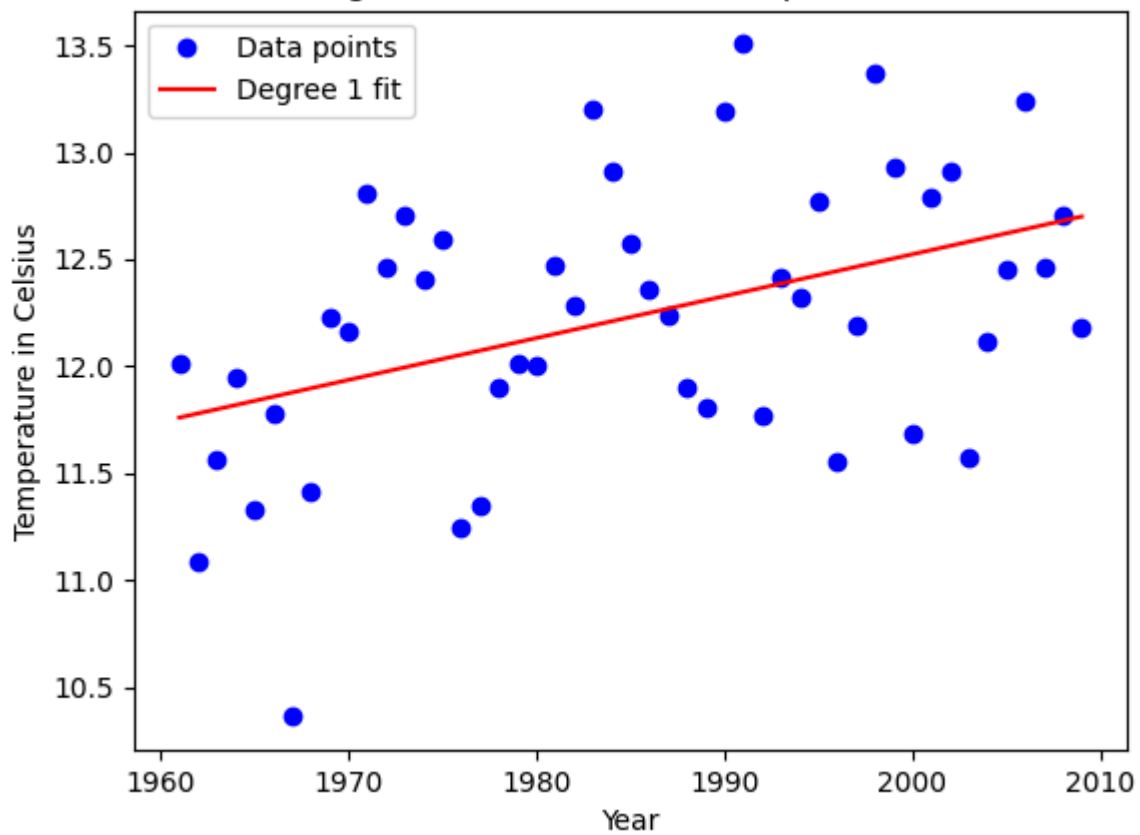


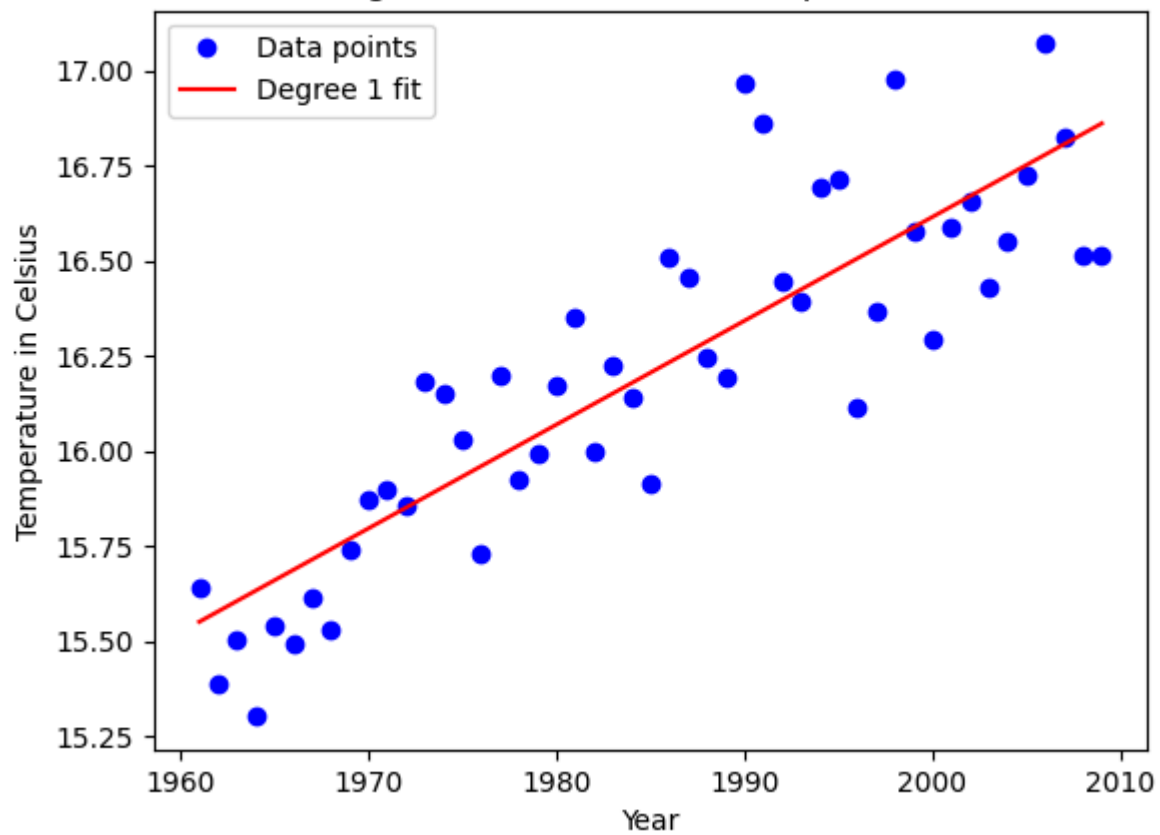
## ps5\_writeup



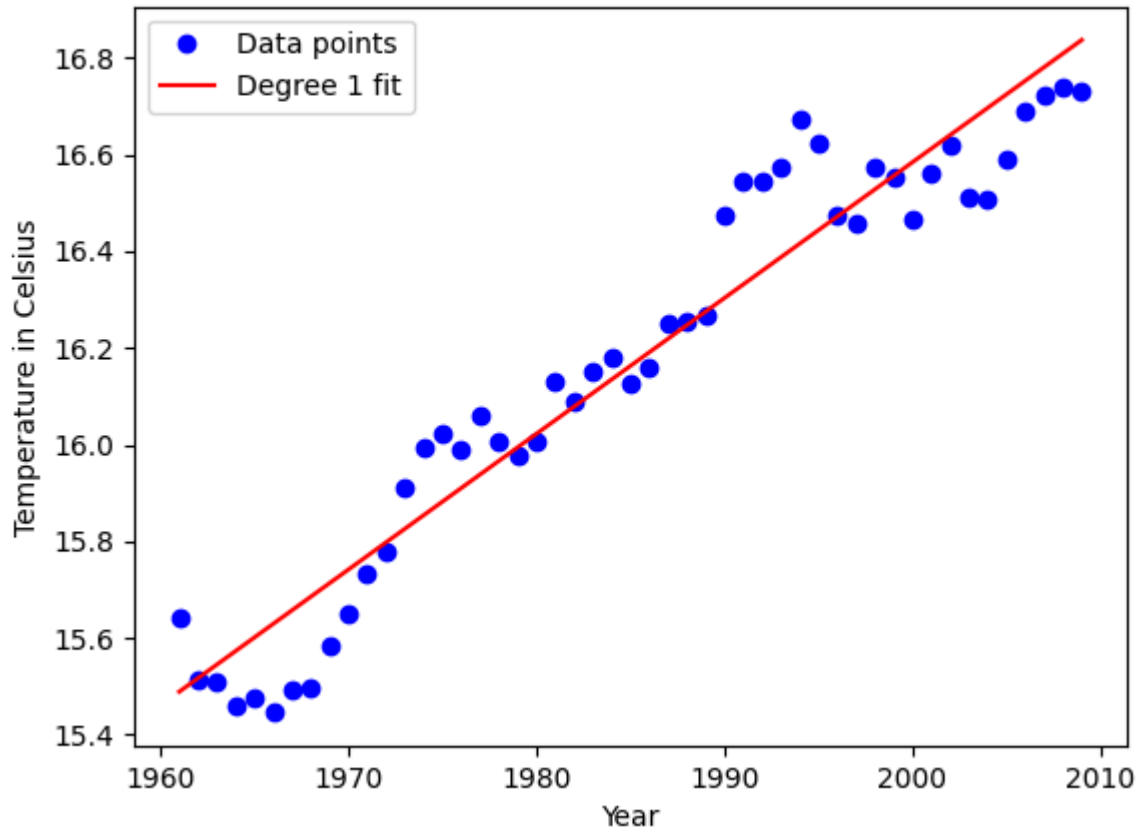
NEW YORK Yearly avg (training)  
Degree: 1,  $R^2$ : 0.1890, SE/slope: 0.3022



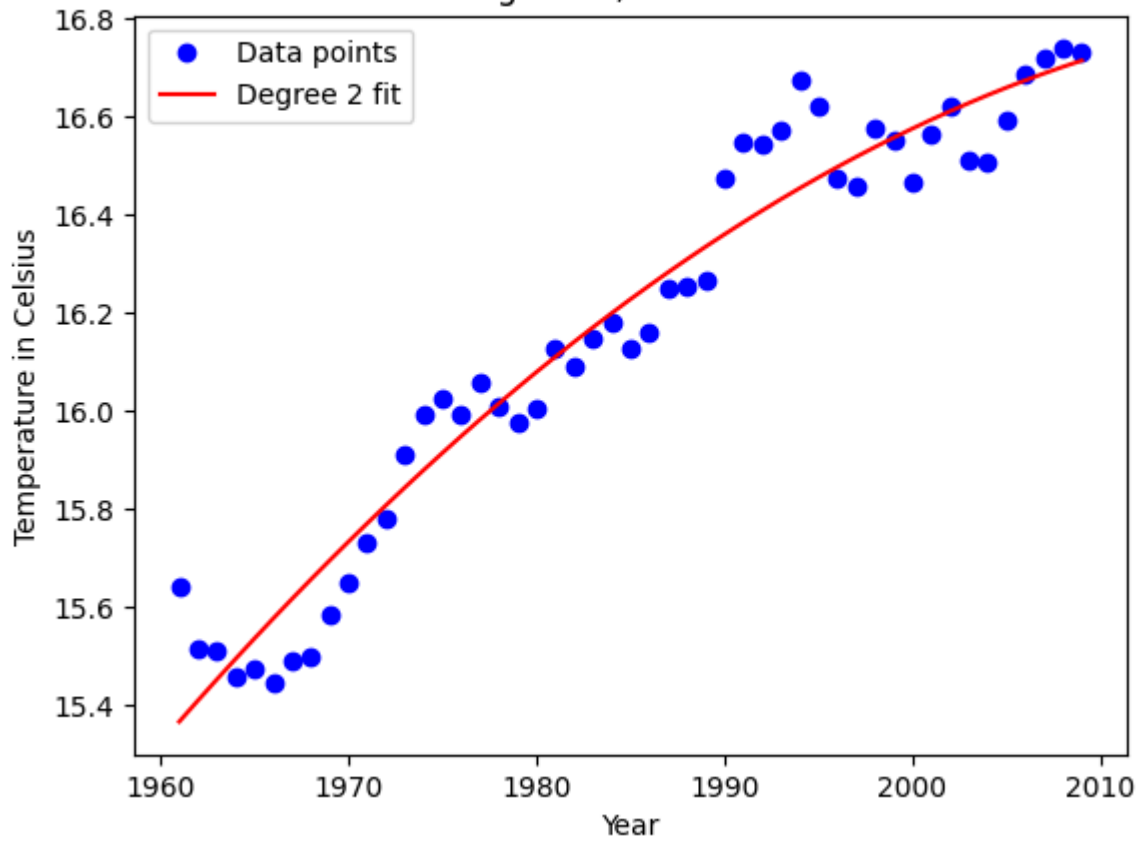
National Yearly avg (training)  
Degree: 1,  $R^2$ : 0.7462, SE/slope: 0.0851



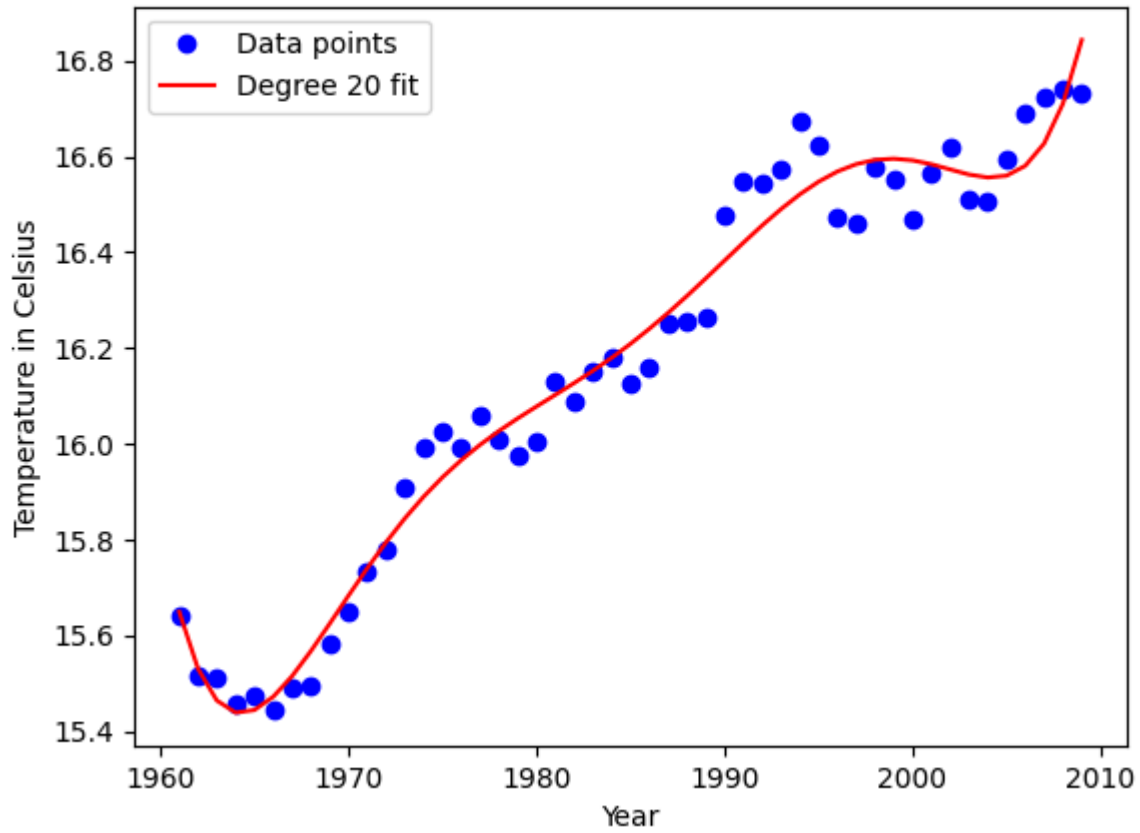
National Moving.avg 5 (training)  
Degree: 1,  $R^2$ : 0.9250, SE/slope: 0.0415



National Moving.avg 5 (training)  
Degree: 2,  $R^2$ : 0.9448

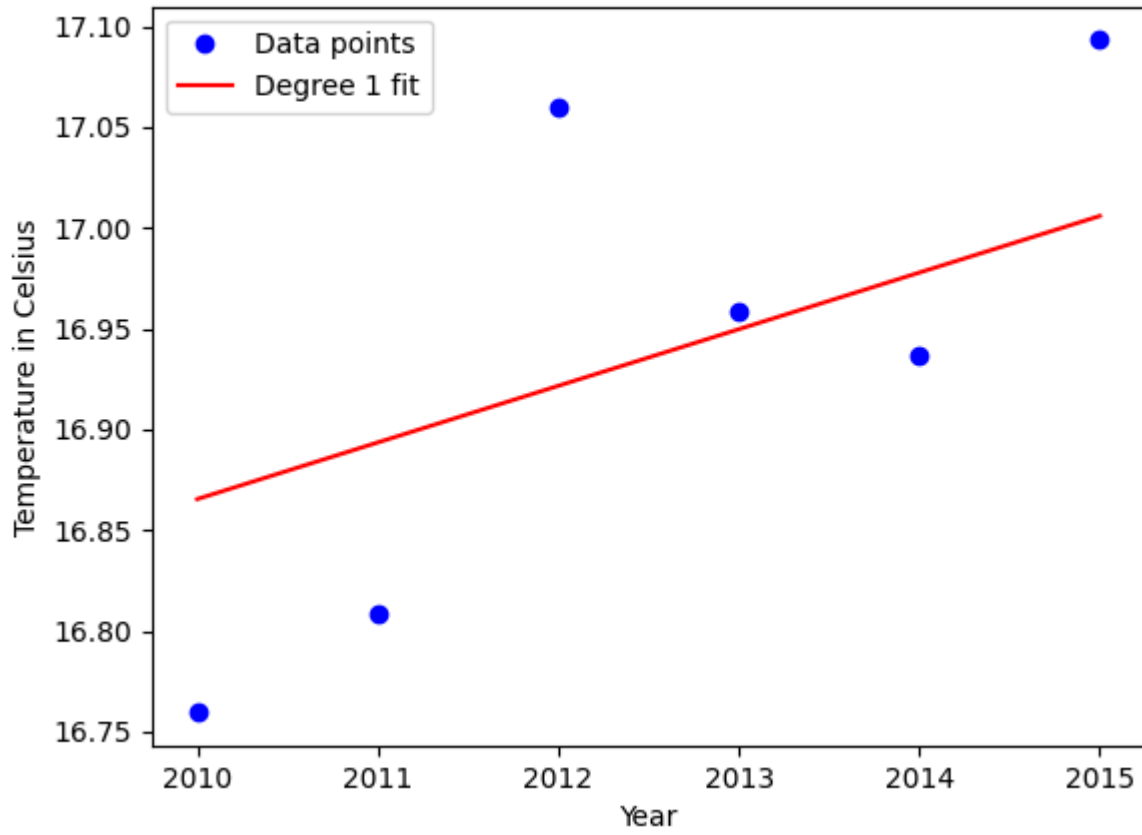


National Moving.avg 5 (training)  
Degree: 20,  $R^2$ : 0.9724

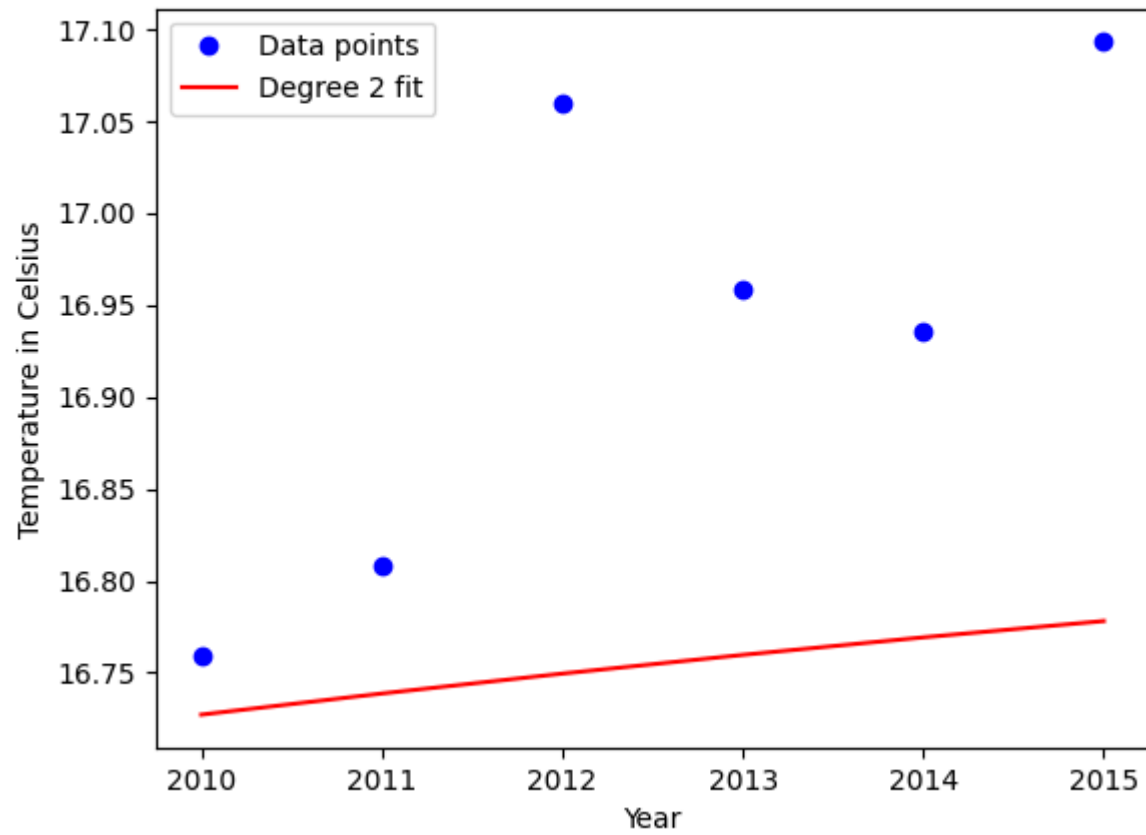


# National Moving.avg 5 (testing)

Degree: 1, RMSE: 0.0884

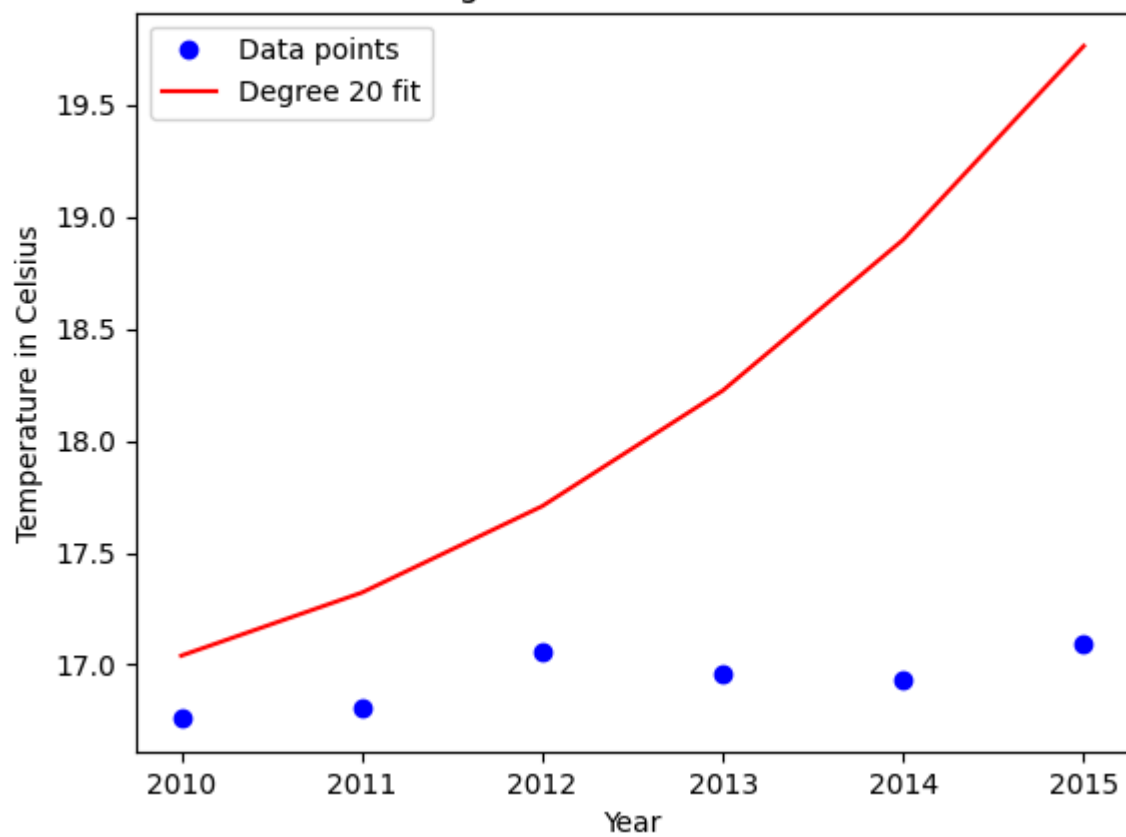


National Moving.avg 5 (testing)  
Degree: 2, RMSE: 0.2118





National Moving.avg 5 (testing)  
Degree: 20, RMSE: 1.4912



STD Moving.avg 5 (training)  
Degree: 1,  $R^2$ : 0.3004, SE/slope: -0.2226

