Homework:

(1) Load the chennai temperature file into a Pandas dataframe. Create a new column 'dsb' (days since beginning) equal to the index. Then use linear regression or curve fitting (you have seen about 4 different ways of doing so) in order to fit the TEMPERATURE τ to a linear function of dsb δ, i.e. write it as $\tau = a + b\delta$. This would be one way to determine a linear trend. (Check: I got a value for b almost zero.)

(2) Find the best coefficients to predict calories from fat, carbs and proteins in the cereals database (cereals.txt).