1 Introduction

The date you are going to be using in these exercises comes from
http://www.seanlahman.com/baseball-archive/statistics/, more specifically the 2017 csv version. If you want to get the full dataset you can get it all from there.
What you will be using in these exercises is a reduced and pre-filtered version of this data set.

2 Exercise 1

When presenting data you want to make sure you use clear, consistent scales, that are appropriately chosen for your data set.

Matplotlib does a good job of selecting an initial adequate range which makes sure all of your datapoints are contained, yet this may not always be the best scale.

In this exercise we're going to focus on making sure the each of the graphs we created in exercise 2 of the last exercise sheet are well structured.

1. For each graph created in exercise 2 in the last sheet, do the following
2. Adjust the x and y axis to an appropriate scale for the data we're using
3. Label the axes of your graph and give your plot a title
4. Create the x and y ticks through changing the major and minor ticks

3 Exercise 2

To understand and evolve the formatting, create a list of names for the major and minor ticks and replace the current ticks with your custom ones.

1. Create a list containing the names for each of the major ticks that will be replaced e.g. 80's, 90's, 00's, ...
2. Create a list containing the names for each of the minor ticks that will be replaced e.g. '82, '84, '86, ...
3. Specify and change out the appropriate major and minor ticks