Coding Assignment 3

Due Monday, October 12

Write your own functions to use LOO-CV and GCV to select the optimal span for `loess`.

- Test your code on data set `Coding3_Data.csv`, which can be downloaded from Piazza.

- Report your CV and GCV for 15 span values: $0.20, 0.25, \ldots, 0.90$.

- Report the optimal value(s) for span based on CV and GCV.

- Plot the fitted curve(s) using the optimal value(s) for span.

What you need to submit?
An R Markdown file in HTML format, which should contain all code used to produce your results.

Name your file starting with `Assignment_3_xxxx_netID` where "**xxxx**" is the last 4-dig of your University ID.