

Homework 1

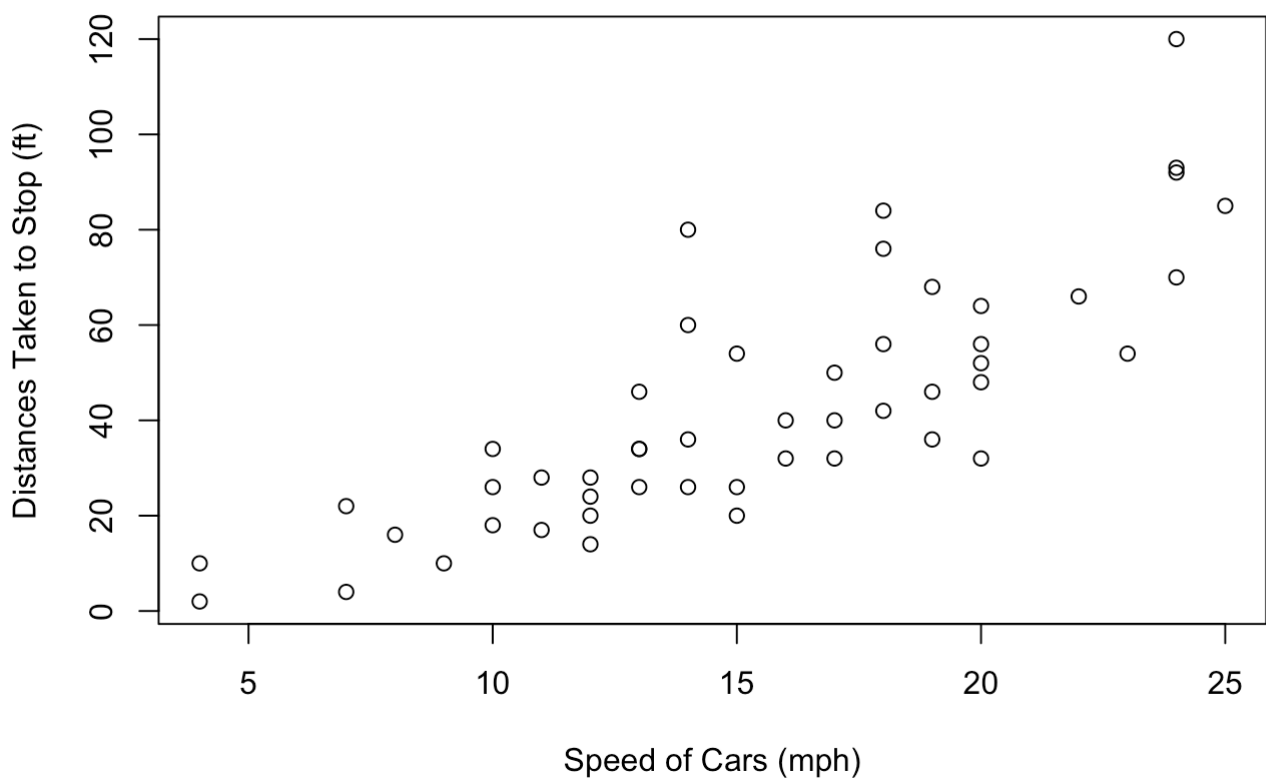
Data cars

The data *cars* from R package [datasets](#) gives the ***speed of cars (mph)*** and the ***distances taken to stop (ft)***. All 50 observations were recorded in the 1920s.

Here's the first 5 observations.

	speed	dist
1	4	2
2	4	10
3	7	4
4	7	22
5	8	16
6	9	10

Plot



From the plot, it's clear that when the car going ***faster***, it tends to take ***longer*** distance to stop.