Data analysis

Introduction  
Find some interesting data, use some of the statistical tools you learnt in this lesson to analyse it, and write a brief report presenting your findings.  
The data can be anything you like, but the exercise will be more enjoyable if you select a data collection that pertains to something you're truly interested in. The source of the data should be cited in your report. Please add a link to the data if it is publically available. If not, and if you are able to, please supply a copy of the data, such as an Excel spreadsheet, along with your report.  
You are not obligated to utilise everything in the module. Quality is far more essential than quantity, which includes utilising acceptable statistical methods, appropriately understanding the data, and discussing them intelligently. We don't mind how you do your analysis. Stata is the obvious choice, but you may also use other programmes or even a calculator. You can include computer output in your report (though it's typically better to summarise it in your own table), but don't include a lot of computer code.  
  
Report  
As a rule of thumb, a normal report should be between 2-3 A4 pages long (excluding any list of references). Excessive length will be penalised by ten percentage points for anything more than four pages. A statistical analysis, which should contain at least one graph, as well as a discussion and conclusions section, should all be included in the report.