LaTeX

So far we have been only using markdown (with Rmd files) as the main syntax to write reports and papers. However, LaTeX is still the default syntax in many scientific journals and professional publications. So it is important that students learn this syntax as well.

A nice resource about LaTeX is Overleaf -- https://www.overleaf.com
They have a couple of introductory slides:
https://www.overleaf.com/latex/learn/free-online-introduction-to-latex-part-1.pdf
https://www.overleaf.com/latex/learn/free-online-introduction-to-latex-part-2.pdf

Today you will use Rnw files (instead of Rmd files) to work with latex syntax and code chunks in R. You can use knitr to knit the Rnw into a LaTeX document.
http://yihui.name/knitr/demo/minimal/
Here is a sample Rnw file to get you started.
https://github.com/yihui/knitr/blob/master/inst/examples/knitr-minimal.Rnw

Optionally, you can freely sign up with Overleaf and use their "real time preview" tool to write content in latex and see the display in the same window.

Today's Lab
Re-write the report for ***Hw2 - Simple Regression Analysis*** using Rnw file format and convert it into a LaTex document

What to turn in

- A new folder in your master branch called 'lab9' or a new branch 'lab9' in your existing lab repo.
- The following files should be present
    - lab9.Rnw ## R code
    - lab9.pdf ## LaTeX document generated.
    - Any supporting images
    - Readme file with your name and a couple of lines about the lab.