1. Start a new empty project in a new working directory and save it to the “RM” folder you created on Monday.
2. Create new R Notebook and save it as “Iris data exploration”
3. Set the title of your R Notebook title as “Iris data exploration” and the subtitle as your name
4. Request a table of contents to be produced as part of the html output.
5. Delete all of generic text that is generated when you created the Notebook (e.g. “This is an [R Markdown](http://rmarkdown.rstudio.com) Notebook…”)
6. Insert a new R chunk with a first level header, “Load Packages”.
   1. Prevent any output generated by this chunk from being displayed
   2. Load the tinyverse library in this chunk
7. Insert new R chunk with first level header, “Important Data”
   1. Prevent any output generated by this chunk from being displayed
   2. Write a comment within the chunk: “ # I am going to import the data into R”
   3. Read iris.csv into R and assign it to a new object called iris\_data
8. Insert a new R chunk with first level header “Summarize the variables”
   1. Use the summary() function to summarize iris\_data
9. Insert new R chunk.
   1. Add headers:
      1. First level: “Creation of a variety of plots”
      2. Second level: “Exploration of density plots”
      3. Third level: “A simple plot”
   2. Use ggplot to create a density plot of petal width (petal width goes on the x-axis)
10. SAVE your notebook.