VISUALIZATION MARKS

Following are your marks for the Visualization deliverable of the coursework.

Each component was assessed, then assigned a qualitative mark from the rubric on pp. 4-5 of the coursework specification.

The component's score was then computed by multiplying the component points by the percentage corresponding to the mark in the assessment criteria for each component; the result was rounded to the nearest whole number.

The total net score is the sum of the component scores.

Marks were based on the visualization image produced when we executed your visualization.R script submitted as of the deliverable deadline. If your script failed to execute or produce an image, we were not able to assess your visualization, and so you will have received failing marks (we cannot assess an image that doesn't exist!).

If you fall into this category, please inspect Rscript.log to understand why your script failed to execute or generate an image.

Also, remember that we tested your script on the state of your repository as of the deadline; so, if you want to replicate our results, you need to check out your workspace as of the time you submitted (not now). You might also look at the series of announcements on this topic.

We did not amend marks based on modifications to visualization.R after the visualization deliverable deadline.

	Section/+ Component	Mark	Score		Possible
	Marks				
+	partA: *Files* • *Is there a research_question.yml file?* Yes. • *Is the research_question.yml file syntactically correct?* Yes. • *Is there a visualization.R file?* Yes. • *Was it submitted on-time?* Yes. • *Is the visualization.R file named correctly ('visualization' all lower case, 'R' upper case)?* Yes. • *Does it generate an image file?* Yes. • *Is the visualization image file named correctly ('visualization.pdf' all lower case)?* Yes.	**Excellent**	17	of	20
+	partB: *Main Plot* • *Is the research question about correlation?* Yes. • *Is the visualization a scatterplot?* Yes. • *Is the x-axis labelled appropriately?* Yes. • *Does the label include units (if they are not obvious)?* Yes. • *Does the x-axis have appropriate values as tick marks?* Yes. • *Do the tick marks have an appropriate number of significant digits?* Yes. • *Is the y-axis labelled appropriately?* Yes. • *Does the y-axis have appropriate values as tick marks?* Yes. • *Do the tick marks have an appropriate number of significant digits?* Yes. • *Does the plot include a linear model (trend line)?* Yes. • *Is the dependent variable depicted on the y-axis?* Yes. • *Is the research question about comparison of means or medians?* No. • *Is the research question about comparison of proportions?* No. *Summary:* Plot should have the dependent variable on the Y axis.	**Excellent**	26	of	30
+	partC: *Histogram*	**Excellent**	26	of	30

	• *Is the research question about correlation or comparison of means/medians?* Yes. • *Is there a histogram of frequencies of the dependent variable?* Yes. • *Is the x-axis labelled appropriately?* Yes. • *Does the label include units (if they are not obvious)?* Yes. • *Does the x-axis have appropriate values as tick marks?* Yes. • *Do the tick marks have an appropriate number of significant digits?* Yes. • *Is the y-axis labelled appropriately?* Yes. • *Does the y-axis have appropriate values as tick marks?* Yes. • *Do the tick marks have an appropriate number of significant digits?* Yes. • *Does the plot include an overlayed normal distribution?* Yes. • *Is the overlayed normal distribution a smooth curve?* Yes.				
+	partD: *Presentation* • *Does the plot have a meaningful title?* Yes. • *Is all text (title, labels, legend) legible, with no overlapping or cropped labels?* No. The key has dense points over it making it difficult to read. *Summary:* Text is not legible.	**Clear fail**	7	of	20
	Marks net score:		76	of	100
	Total net score:		76	of	100 = 76%