

GHC Demo Assignment

CSC 110 - Fall 2025

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Setup

Homework

```
ggplot(  
  mpg,  
  aes(  
    # ...  
  )  
)
```

```

  x = displ,
  y = hwy
)
) +
geom_point() +
labs(
  title = "Impact of Vehicle Engine Size on Highway Fuel Mileage",
  x = "Vehicle Engine Size (displacement)",
  y = "Highway Fuel Mileage"
)

```

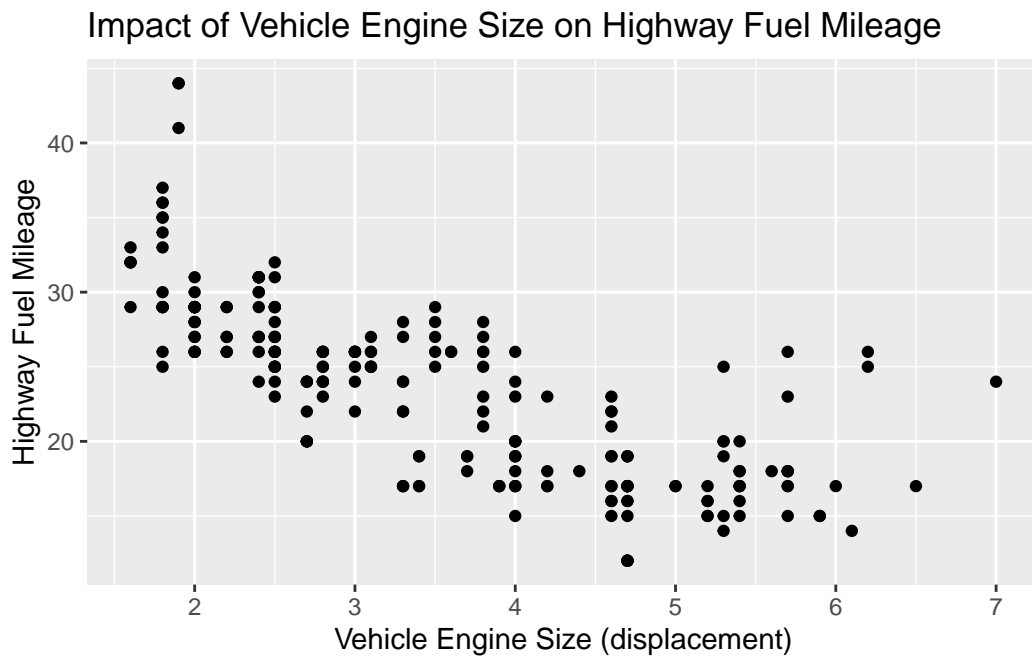


Figure 1: Fuel mileage scatterplot

A link to davidson.edu

[Davidson College Website](http://davidson.edu)

An unordered list of the other classes I'm taking this semester

Fall Semester Classes

- POL 336: Politics & the Media

- HUMES 103

An ordered list of my top 3 favorite movies

Top 3 Favorite Movies

1. Dead Poets Society
2. SCREAM (original)
3. Boyz in the Hood

A footnote

Here is a footnote¹

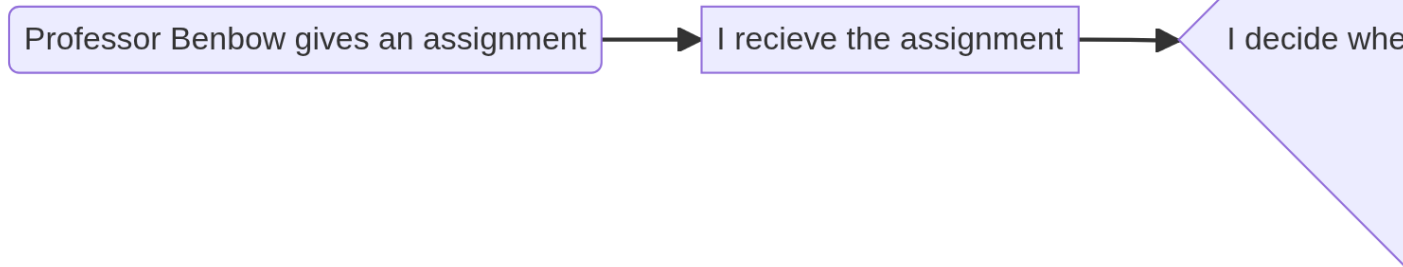
An equation showing the quadratic formula in display mode

display math:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

¹footnote reference stuff

A flowchart diagram in Mermaid



A blockquote

“Four score and seven years ago our fathers brought forth upon this continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal.”

Three callout blocks

Note

Just wanted you to make note of this first callout block

Tip

Here's a tip, check out my second callout block!

! Important

It's important that you see how awesome it is that this callout block can collapse!

Reflection

Links

Links will be useful in my final project because I will be able to provide a direct route to the places I gathered information (I can even put the link to a source in a footnote!) or point my audience to where they can learn more on a topic that I may not be able to go super in depth about. This is a powerful tool for context/empowering the people viewing my page to be curious and informed. Links also make it easy to give credit in a meaningful way. That isn't to say that I won't cite sources in MLA format or other, but rather that those citation methods sometimes don't make it easy for an audience member to quickly check out a source. *Links mean that I can make sure the audience has both proper citations and easily accessible ones.*

Flowchart diagram in Mermaid

Flowchart diagrams in Mermaid will make showing/explaining methodology or process in my final project easier. I will be able to visually display my exploratory data analysis process, which makes it much easier to understand. *Actions/steps might take paragraphs to explain can be streamlined into digestible visuals that keep my audience engaged while they gain key understanding of my methods.*

Callout blocks

Callout blocks will also be useful in my final project. I will be able to insert short explanations that may not be central to a point, but helpful in understanding. I can quickly point out or make note of certain choices without having to wander off on a tangent during an explanation of something else. I can provide tips for understanding a graph, or definitions of words that an average person might not know. I can also highlight key points and call attention to central ideas. Additionally, I can make my callout blocks collapsable so that when the audience isn't using them, they can be out of the way!