Literate Programming Syllabus

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This is the curricular syllabus for a 15-week course on literate programming. The primary programming languages accommodated as of November 2024 are:

- R
- Python
- Javascript
- Julia

The primary authoring platform is Quarto, although historical (e.g., *LaTeX*) and contemporary alternatives (e.g., `rMarkdown`) also will be addressed.

Intended audience

Graduate students within the social, behavioral, and management sciences who would like to learn how to wrap analyses and supporting documentation within one authoring platform toward producing occupationally relevant...

- Presentations
- Manuscripts
- Technical Reports
- Feedback Reports
- Dashboards
- Websites
- Books

See Figure 2 & Note 1

> **i** Note 1: Languages
>
> The "glue" of literate programming is markdown. Programming language preferences (such as R) should be considered secondary to the more general practice of wrapping analyses into supporting documentation.
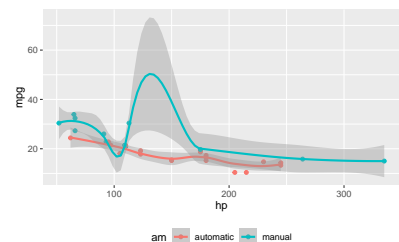
> **i** Note 2: Platform versus Language
>
> *LaTeX* is technically a typesetting system.

Figure 1: MPG vs horsepower, colored by transmission.

Course schedule

Check out Table **??**