Data Science Applications to Politics Research
Seminar Week 1

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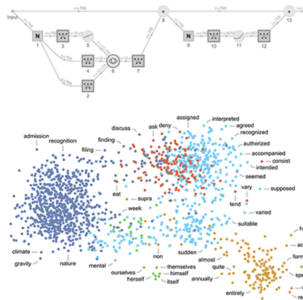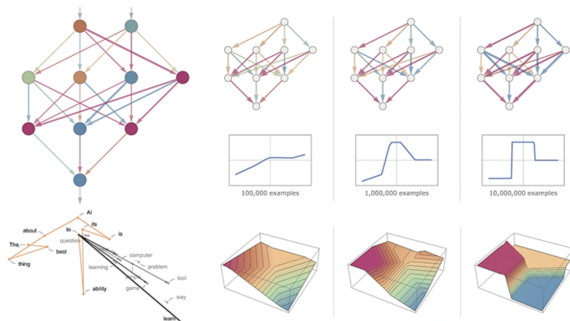
GV330

- Open your preferred Generative AI (ChatGPT, Co-Pilot, Claude, Gemini, etc.)

- Ask it to write a short poem or song introducing you to the class based on information that you provide to it. At minimum, tell it your name (or what you like to be called), which programme you're in, where you're from, and something memorable about you.

- You might want to ask for revisions or try a different prompt until you're happy with the result.

- Share your poem or song with the class (singing optional).

What Is ChatGPT Doing … and Why Does It Work?

February 14, 2023


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https://writings.stephenwolfram.com/2023/02/
what-is-chatgpt-doing-and-why-does-it-work/
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Setting Up Git/GitHub

- First, set up your computer properly:
  1. Create a folder on your computer (not on your desktop!) called 'gv330_2425': This will be your base folder for this whole class
  2. Create a sub-folder called 'seminar1' or similar
  3. Get familiar with your shell/terminal: open 'terminal' on Mac or 'command' on Windows, and type `git version` to see if you have git installed

- Now, set up Git and GitHub:
  1. If you don't have Git installed, then install it!
  2. Visit github.com and create an account, and log in
  3. Create a new repo on github.com called `gv330_demo_repo` or similar. Choose the default R .gitignore file.
  4. Clone the repo to your local machine:
     - 0. On github, in your repo, click "code" then copy the HTTPS url
     - 1. Open your terminal/shell/bash from the folder of interest (or navigate there)
     - 2. Type `git clone [URL HERE]` and press enter

Push A File

- Install R and R Studio
  1. If you haven't, install R and R Studio on your machine

- Now, work on a new file:
  1. Create a .Rmd or .Qmd file in your local repo folder
  2. Edit the file to update it and add some content
  3. Go to the 'Terminal' tab on R Studio. If git is working properly,
  4. Use git:
     - 0. Type `git status` and press enter (this will tell you what's up)
     - 1. Type `git pull` and press enter (this makes sure your local repo is up to date)
     - 2. Type `git add .` and press enter (this tells git to track/stage all changed files in the repo)
     - 3. Type `git commit -m '[ENTER A COMMIT MESSAGE]'` and press enter (this creates a commit to the local repo)
     - 4. Type `git push` and press enter (this pushes the commit from the local to the remote)
     - 5. Type `git status` and press enter (this will tell you what's up)
  5. Go check your repo on github.com!