

Projects in CS 234 - An update [11/03/17]

Timelines for these projects

Project 1 - Wikipedia
Sep 27 - Nov 3

Project 2 - Google searches
Nov 3 - Dec 1

Project 3 - Digital Natives
From now until Dec 21 [last day of exams]

Project 1 - Wikipedia Edits

We'll look at your current findings for the Wikipedia page on Friday, 11/03/17. Eni will send preliminary feedback to teams who have submitted a link to their page, by the end of the weekend, so that the teams can use the feedback when creating their final report.

Project 2 - Google Searches [Spent 2-3 hours on this task]

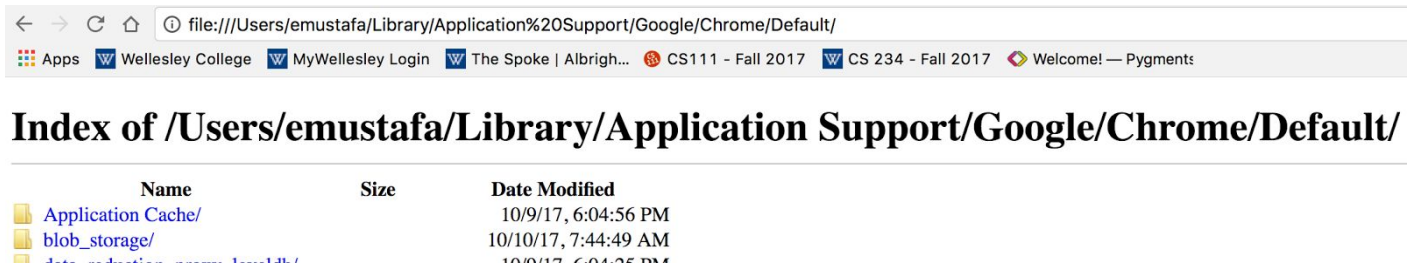
*** To do by Tue, Nov 7***




Read the paper by Andrei Broder: A Taxonomy of Web Search. This paper is in our Google Drive. Read the blog post:

<https://moz.com/blog/revisiting-navigational-informational-transactional-search-post-pagerank>, which discusses how the 2002 paper needs to be updated nowadays.

Blog about these two readings in your project's blog page. [See instructions at the end].

Look at your `chrome://history/`. Pick one day that you have used heavily the browser and try to group your actions based on the frameworks discussed in the readings. Only focus on Google searches, because the history has much more data). Write a summary of your findings in your blog too. The history of the browser is stored in a file in your computer, try to enter the URL in the browser using your own username instead of emustafa to see how large it is.



Name	Size	Date Modified
 Application Cache/		10/9/17, 6:04:56 PM
 blob_storage/		10/10/17, 7:44:49 AM
 Data Reduction Service		10/10/17, 6:04:05 PM

Next week we'll discuss how to access the content of the History file with `sqlite3`.

Project 3 - Digital Natives [Spend 2-3 hours on this task]

***** To do by Tue, Nov 7*****

Skim these two papers (that I have put in our Google Folder for reading)

1. Digital Na(t)ives? Variation in Internet Skills and Uses among Members of the "Net Generation" by Eszter Hargittai.
2. Are today's youth digital natives? Chapter 7 in the book "It's Complicated" by danah boyd.

We'll discuss these papers in class on **Nov 28**. For the moment, skim them to get a sense of what they are about and what their claims are, hypotheses, etc. [These two readings are very different, as you'll notice, they use different methodologies.]

Brainstorm a bit on your own about what data about yourself you can collect that might allow you to shed light on the question of what makes one a "digital native". Are there other (more recent) studies out there that might inform your thoughts on this topic? Would you be able to collect data from other people too? If so, what kind of data?

If you decide on some data set that you'll be interested to explore, research how you might be able to access that data set and what questions it might allow you to pursue.

Write a paragraph about your initial idea and whether the reading inspired you; the data (and how to access it), and the question(s) that interests you. Email the paragraph to Eni. She will give feedback by the end of the week.

Requirements for all projects

Every student is expected to blog about their work on each project. You'll create three subfolders in your `public_html/cs234/` folder: `wikipedia`, `google`, `digital`, and have a `blog.html` page in each of them, related to the project. These blogs have timestamped entries about your reading, your notebooks that you have completed and what you learned from them, your meetings with peers, ideas, charts, any work that you do for the project.

In addition to the blog pages, each project will also have a "final page" that is a write-up of your project outcome. When working as a team, one page per team is sufficient and all members will link to that page from their blog and the CS 234 portfolio page. For your individual project, everyone will create their own page.

This page follows the format that we discussed at the start of the semester for the eating habits report. It should have: a descriptive title; a summary (also known as an abstract); an introduction that explains what you're doing and what your research questions are; a data section that explain how you collected the data, what data and some statistics about them (tables or graphs); a methods and findings section that explain how you came to your findings; and a conclusion that also contains areas for future work.