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SI 664: Whyte
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FINAL PROJECT PROPOSAL

For this project, I'd like to explore one of two options.

Option 1:

The first option is to build an app that shows the average Medicare cost for the top 100-most common medical diagnoses at different hospitals across the United States. The dataset comes from CMS, the Center for Medicare and Medicaid Services. Link to dataset here:

https://data.cms.gov/Medicare-Inpatient/Inpatient-Prospective-Payment-System-IPPS-Provider/97k6-zzx3

The app would rely on a database with a number of different tables, including state, facility, diagnosis, etc. I imagine it would look similar to the Heritage Apps site we've built in class, with a page for providers (city, state, zip, etc.), and a page for diagnoses that would display average cost per provider, number of records, etc. Getting the data into this aggregated form would require some preprocessing, as right now it is at the one record per diagnosis per provider level.

Option 2:

The second option is to build an app that shows the average money raised per candidate in the 2016 U.S. House and Senate elections, as well as the candidate's party and the election outcome. The dataset comes from the FEC (Federal Elections Commission). Link to dataset here:

https://cg-519a459a-0ea3-42c2-b7bc-fa1143481f74.s3-us-gov-west-1.amazonaws.com/bulk-downloads/index.html?prefix=bulk-downloads/2016/ (“candidate_summary_2016.csv”)

The app would rely on a database with a number of different tables, including the candidate party, district, and state. Again, I imagine it would look similar to the Heritage Apps site, with a page for candidates (with amount of money raised, state, etc.) and a page for race(?) that would display average amount of money raised per candidate, number of candidates, etc. Again, getting the data into this aggregated form would require some preprocessing, as right now it is at the one record per candidate per race level.