<https://github.com/Sleonor/interactive_web.git>

**Research Topics**

* Market research for biotech startups and labs
  + Grant sources profile
  + Grant recipients profile
  + Highest funded project categories
  + Seed money for startups
* Databases
  + Public funding
    - <https://projectreporter.nih.gov/reporter.cfm?frs=1&icde=40017822>
    - <https://europepmc.org/grantfinder>
    - <http://gtr.ukri.org/>
    - <http://webapps.cihr-irsc.gc.ca/funding/Search?p_language=E&p_version=CIHR>
    - <http://webapps.cihr-irsc.gc.ca/funding/Search?p_language=E&p_version=CIHR>
  + Private funding
    - <https://www.crunchbase.com/>
      * \*\*\*\*\*best database for this project’s scope, easily downloadable
      * Requires 350$ year long subscription **D:**
    - glassdoor

**MVP**

* TOPIC: Assess funding patterns for biotech start-ups **Database: https://www.crunchbase.com/**
  + **Recipient profile**
    - Project Category
      * Has potential to get more granular with catorization types
  + **Investment analysis**
    - **Grant funding**
    - **Private investment**
      * Number of investors
      * Number of investment rounds
      * Amount $ per investment round
* HTML web dashboards, python flask, javascript,
* Use of one database (SQL, MongoDB, SQLite, etc.)
* Visualizations: D3
  + At least 3

**Further Analysis:**

* Choose either grant funding (public investment) or private investment
* Do a recipient profile on highest funded projects, organization size, location, etc.
  + Map of investment hotspots
    - heatmap

**Timeline: Presentation** **Sat. July 7th**

* Data acquisition
  + Monday **(6/25)**
* Data cleaning
  + Wednesday **(6/27)**
  + Stefani/ Sachin
* Database design/ Flask App
  + **Deadline ???**
* Design dashboard
  + Can be 1 person’s job
  + Initial template an be done independently from visualizations or data
    - Template - Wednesday **(6/27)**
* Design visualizations JS.D3
  + Visualizations research - Wednesday **(6/27)**
  + **Must use 1 new javascript library**
  + Group effort, split up visualizations among members