Architecture Review Reflection and Synthesis Document

Feedback and decisions
Based upon your notes from the technical review, synthesize the feedback you received addressing your key questions. How do you plan to incorporate it going forward? What new questions did you generate?

- One key piece of feedback we received on the GUI was to explain how the website actually functioned. Recommendations such as having a description to explain how the sliders work and what the coefficient represented as well as having pop-ups when something is hovered over. We will be working to implement the following changes once we have a working prototype of our project.
- We are currently using Google Visualization which only takes two data points to display. From the Architectural Review, we were referred to MapBox which would hypothetically allow us to display more than two data points.
- On the machine learning side, we are currently struggling with how to deal with None values when there are missing data points. Suggestions we got included not displaying that year, removing the whole country, and building the regression model with the existing data points. We will be experimenting with cleaning the data to get rid of None values then building a regression model with the remaining points to predict future values.
- We wanted to see what indicators people were interested in and received a lot of feedback ranging from average temperature to average parks per capita.

Review process reflection
How did the review go? Did you get answers to your key questions? Did you provide too much/too little context for your audience? Did you stick closely to your planned agenda, or did you discover new things during the discussion that made you change your plans? What could you do next time to have an even more effective technical review?

- Yes, we did get answers to our key questions. Like the last architectural review, we were referred to more tools that we can utilize in our project. Furthermore, we ran the session like a focus group where we got critical feedback from people who will be using the website.
- We stuck with our agenda for the architectural review and divided into two session; machine learning and website development. We thought that this would be the most efficient way to get the most feedback for two different components of our project which will hopefully be working in tangent for the finished project.
- To have a more effective architectural review, we could have let people play with the current prototype of the website to get more accurate feedback.