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Idea: COVID 19 Vaccine Tracker

Dataset: <https://www.kaggle.com/parulpandey/covid19-clinical-trials-dataset>

The project goal would be to determine how far we are in creating a vaccine in comparison to other countries. The primary aspects of the project would be displaying current progress and information on each country’s vaccine studies from reliable sites as they are released. We could also culminate this date to create a progression meter to display a relative progress bar to users. We could also include basic COVID 19 data and analytics to give more information and statistics for vaccine progression relative to the country’s case and death count. Potential users and buyers would be competing scientists, news reporters, and the general public.

Idea: Solar Power Efficiency Tracker

Dataset: <https://www.kaggle.com/anikannal/solar-power-generation-data?select=Plant_1_Generation_Data.csv>

The goal of this project would be to determine how much solar energy is being converted into power in contrast to how much solar energy is available to solar panels, and use this information to relay the most efficient solar panel attributes to the public. The primary aspect of the project would be to display the disparities between the two attributes above. Another aspect that could be implemented into this project would be a summary of solar panel makeup, which would give users a rundown of the materials being used by specific solar panels. A solar power and solar panel info guide could also be included to help users gain a deeper understanding of the mechanics behind this project’s topic. We could implement location data as well that could consist of varying levels like country, state, and city, which could help in the understanding of where solar panels are most efficient. Potential users of this data would be anyone willing to utilize solar power such as governing officials, business moguls, and everyday people. Societally wise this project would ideally help in finding the specific solar panel features that are most effective and utilize them to advance the expansion of solar energy usage.

Idea: College Major’s Worth Explorer

Dataset: <https://www.kaggle.com/dbsimpson/us-college-graduates-wages?select=labor_market_college_grads.csv>

The goal of this project would be to determine the average annual pay each college major would net students after they graduate college, and relay this information to upcoming, returning, or current college students for them to be informed on whether or not their major of choice is worth the price. The primary aspect of the project would be to display every college major available and its corresponding average annual pay. Another aspect that could be implemented into this project would be a list of potential jobs attainable with each major. A concentration and course list could be added as well so users can see the specifics needed to obtain their chosen degree. I could also see adding an average debt to each corresponding major. Ideal users of this data would be anyone who has an interest in college whether it’s returning, upcoming, or current students. Societally wise this project would ideally help people to stay out of debt, as many individuals who go through college go into debt through loans, this dataset could help students navigate majors that would allow them to escape debt in an easier fashion.