

Project Proposal

Problem Summary

- Healthcare disparities have existed for decades and the COVID-19 pandemic has created an urgent need to examine and come up with solutions to them.
- There is a transition of volume to value that is being led by CMS. Hospitals previously did not have a financial incentive to keep their population and communities healthy, so, payment models are being proposed to align these incentives. Reimbursement is tied to keeping populations healthy and will be crucial for hospitals going forward.
- There is an increasing need to utilize data to determine which populations are affected disproportionately.

Why should stakeholders/investors care?

- Hospitals and providers should care for both financial reasons and ways to capture market share.
- Community members should care as their experience will improve and they will be healthier.
- Government officials should focus on this issue as it tries to improve public health and address failures in the healthcare market.

Solution Summary

- A culturally competent approach through an application to address communication barriers among patients with limited English proficiency or low health literacy.
- Give patients insights on demographic based health disparities and educate them with information on how to improve their health and their communities health.
- Internal dashboards for stakeholders to help them understand disparities in the community they serve by displaying trends of clinical trials on elderly, women, and racial/ethnic minorities in addition to utilizing trauma-informed care
- Diverse community outreach to understand problems and build trust with communities that eventually brings in more patients and helps reduce health disparities

Team summary and skills

- We are a team of 5 people coming from different educational backgrounds in healthcare and data analysis.
- Mixed viewpoints and different perspectives can help solve the problems more effectively.
- Our people and customer-oriented approach focuses on tackling health disparity by addressing the pain points more efficiently and aims to reduce the time to deal with it.

What do we need from your organization?

- System permissions and access to patient information from the data warehouse with a promise from us to abide by data privacy and compliance.
- Demographic data for the dashboard, representing the most affected sections of the population
- Specialized information on chronic diseases that are found to affect minorities in higher proportion
- Details of technical infrastructure for us to develop solutions that are integrable with existing framework