2017 BIG DATA HACKATHON PROJECT SUBMISSION FORM

Complete the following information and upload to your team number GitHub repository (github.com/BigDataForSanDiego) by 12 p.m. on Sunday (along with your team's final pitch presentation)

TEAM NUMBER: 203

TEAM NAME: DataPros

TEAM MEMBERS' NAMES AND EMAILS:

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TEAM LEADER: Disha Singla

GitHub Repo: https://github.com/BigDataForSanDiego/2017-Team-203

WEBSITE: https://sandiegohearts.github.io/

PUBLIC HEALTH QUESTION YOU ARE ANSWERING:

- What are the most concerning public health issues for Californians today?
- How can we analyze public health data and provide some recommendations for intervention and policy changes?
- How can we share useful public health information and analytical tools in our local community?

YOUR TEAM'S HACKATHON IDEA (IN TWO SENTENCES):

Examine the factors contributing to varying heart disease rates across San Diego and recommend ways to bring down the rates in the high risk areas. Help the potential users to make better decisions to run the campaigns and channelize the funds to the right regions.

DATASET(S) YOU ARE USING FOR THE PROJECT (PROVIDE NAME AND URL):

US Dept. of Commerce, Bureau of Census - https://www.census.gov/
LivewellSanDiego - http://www.livewellsd.org/
Sandag- http://www.sandag.org/index.asp?classid=21&fuseaction=home.classhome

Mayo Clinic - http://www.mayoclinic.org/
American Heart Association - https://www.heart.org/HEARTORG
YelpAPI - www.yelp.com
Google Maps API - maps.google.com

THE IMPACT OF THIS PROJECT ON PUBLIC HEALTH:

- Targets the high risk regions in San Diego county
- Make the organizations and public more aware about coronary heart disease
- Helps NGOs and Public Health Dept. to channelize their funds to the right areas

THE NEXT STEPS NEEDED TO LAUNCH THE PROJECT:

- Alert systems (preventing epidemics), answering 'what ifs' utilizing learning algorithms, conducting deeper public health cases studies, explore additional public health concerns in San Diego, and evaluating correlations
- Making San Diego campaigns more data-driven