Team Name: Rocket Girls 101

Team Members:

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Project Name:

Crime Buster

Project Descriptions:

CrimeBuster is a Seattle City wide safety data analysis, visualization and reporting service that helps residents and visitors see where crime is happening in their neighborhood and engage with local law enforcement agencies.

Our web service provides not only real-time crime reports, community safety analysis, but also safety advices for those who are unsatisfied with scattered safety and community information and limited community risk evaluation.

Plan to Deliver:

A website that supports:
1. Real-time crime report through a live updating interactive map. Once a crime case is reported, it will be displayed immediately on the map.
2. Regional safety query. Users can get detailed safety stats by executing specific queries filterer by ZIP codes.
3.Integrated community stat analysis including crime heat map, statistics for neighborhoods within Seattle and trending prediction based on historical data.

Future Prospective:

1. Provide public api services.
2. Associate with the travel agency, real estate, on/off campus security.
3. Develop a mobile App.

Data Sources:

1. Crime data from the Seattle Police Department
https://data.seattle.gov/Public-Safety/Seattle-Crime-Stats-by-Police-Precinct-2008-Presen/3xqu-vnum
2. US Census
https://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=tdata
3. Seattle Census Tract10 GIS
https://data.seattle.gov/Community/CENSUS_TRACT10-arcgis_rest_services_ext_WM_CityGIS/fcy7-ecid