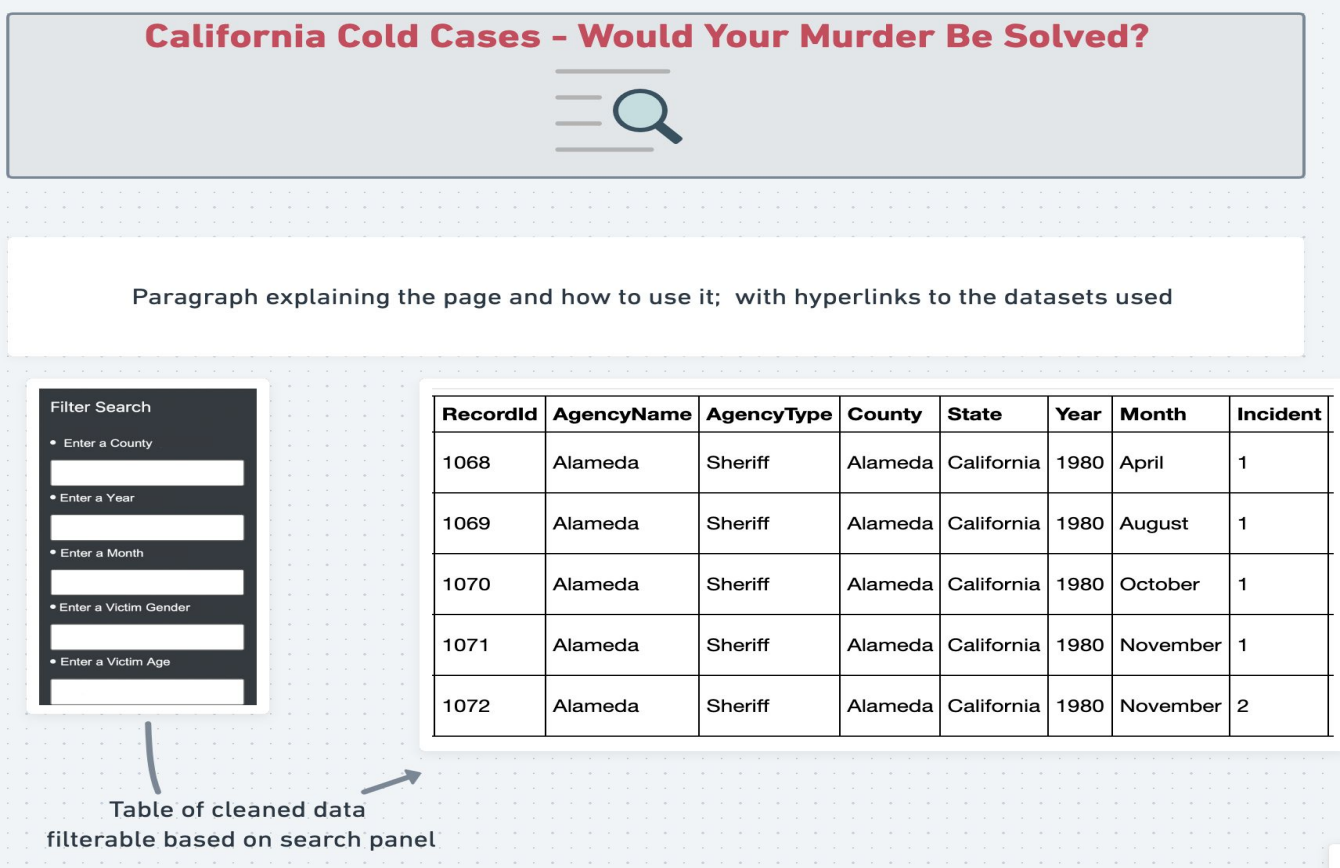
Dashboard Storyboard

Top Half of Webpage



RecordId	AgencyName	AgencyType	County	State	Year	Month	Incident
1068	Alameda	Sheriff	Alameda	California	1980	April	1
1069	Alameda	Sheriff	Alameda	California	1980	August	1
1070	Alameda	Sheriff	Alameda	California	1980	October	1
1071	Alameda	Sheriff	Alameda	California	1980	November	1
1072	Alameda	Sheriff	Alameda	California	1980	November	2

Bottom Half of Webpage

Paragraph explaining results of machine learning models with potential future use-cases

Features Ranked by Importance in Predicting Outcome (Solved vs. Unsolved)

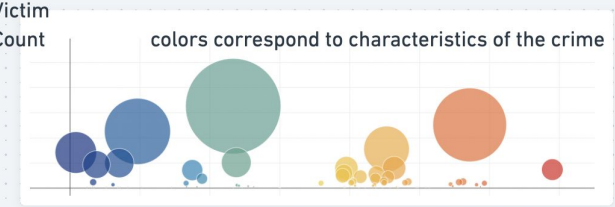
Enter a Year to View Homicide Statistics

1987

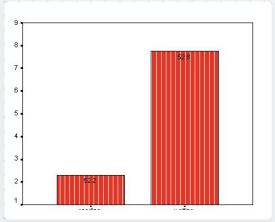
Dynamic visualizations based on selected year

Victim Count

colors correspond to characteristics of the crime



Month



Solved vs. Unsolved

Description of the tool(s) that will be used to create the final dashboard

- Index.html file hosted on GitHub pages
- CSS file for webpage customization
- Data.js file containing JSON format of cleaned dataset (original format CSV)
- App.js files that will use the D3 library and reference both the Index.html and Data.js files to:
  - build a dynamic, filterable table of the dataset based on multiple selected filters; and
  - build dynamic visualizations based on the dataset filtered by selected year
- Alternatively to dynamic visualizations build with D3, we will use embedded Tableau visualizations
- Visualization of ML features ranked by importance using the Plotly library