Data trends and Analysis

Possible areas for analysis. All of these will be implemented using either the Google Maps API or the HighCharts API.

- Fetch alerts by priority in order to generate a heat map. Using a mapping API, the web view will display zones that will correlate areas with the priority of the posts generated.
- Correlate the location of a post to the location of the user that was the first to respond to that post. This will only be applicable if the user has enabled live location updating. Ex. 40% of the posts in Curepe were responded to by people living within 2km.
- Average response time. Grab the time a post was created and the time of the first response to that post.
- Show which area has the most criminal activity of a given type.
- Show the locations that created the greatest percentage of posts.

I have the basic ideas of how to fetch most of these, as it will involve selecting all posts that match a given filter. The next steps would be to look into the Google Maps API and get a feel for what is required to pass the responses returned from the App Engine into the Map.