Results

Question 2:

a. Is entering via the light blue boundary a common strategy used by Team2 on T (terrorist) side?

   Out of 15 total rounds Team2 played as T, we only found 1 round where at least one of their players entered the given area.

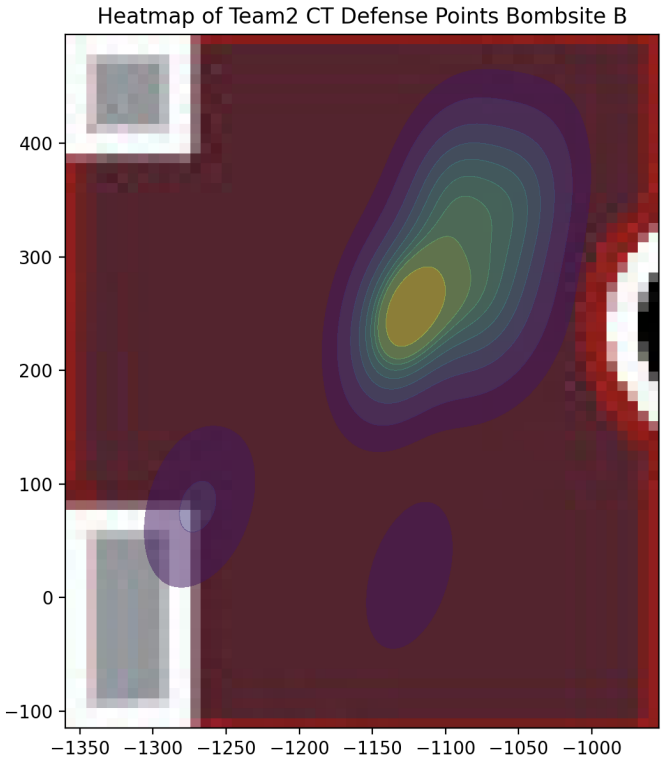
   1 / 15 = 6.67%

   Therefore, entering via the light blue boundary is not a common strategy used by Team2 on T side.

b. What is the average timer that Team2 on T (terrorist) side enters “BombsiteB” with least 2 rifles or SMGs?

   Team2 enters "BomsiteB" with atleast 2 rifles or SMGs at an average of 1:28 in-game clock timer

c. Now that we’ve gathered data on Team2 T side, let's examine their CT (counter-terrorist) Side. Using the same data set, tell our coaching staff where you suspect them to be waiting inside “BombsiteB”



Question 3:

(No Coding) Most of the time, our stakeholders (in this case, the CS:GO coaching staff) aren't tech-savvy enough to run code themselves. Propose a solution to your product manager that:
a. could allow our coaching staff to request or acquire the output themselves
b. takes less than 1 weeks worth of work to implement

Since the CS: GO coaching staff is not tech-savvy enough to run code themselves, I can't imagine they will be able to get the data, the coordinates of different chokepoints, or the map image files themselves either. For these reasons, I would suggest to my product manager to start with an analysis report request system. As this system gets more usage, we can start to automate the type of analysis that are requested the most.

To start, we can achieve this with a simple web server, serving a simple static web front end consisting of a form with various input fields to input the necessary information and a text area to describe the type of analysis requested. Upon submit, the information will be emailed to one of the data science team members. We perform the requested analysis, and publish the result. If the analysis is done in a jupyter notebook or RStudio, the result can be web published with minimal efforts. Where the result is published we will expose an area for the coaching staff to provide us feedback.

This way the coaching staff and the team can immediately benefit from the information gathered from the data as we implement more features to automate the process starting with the most impactful (most requested) types of analysis.