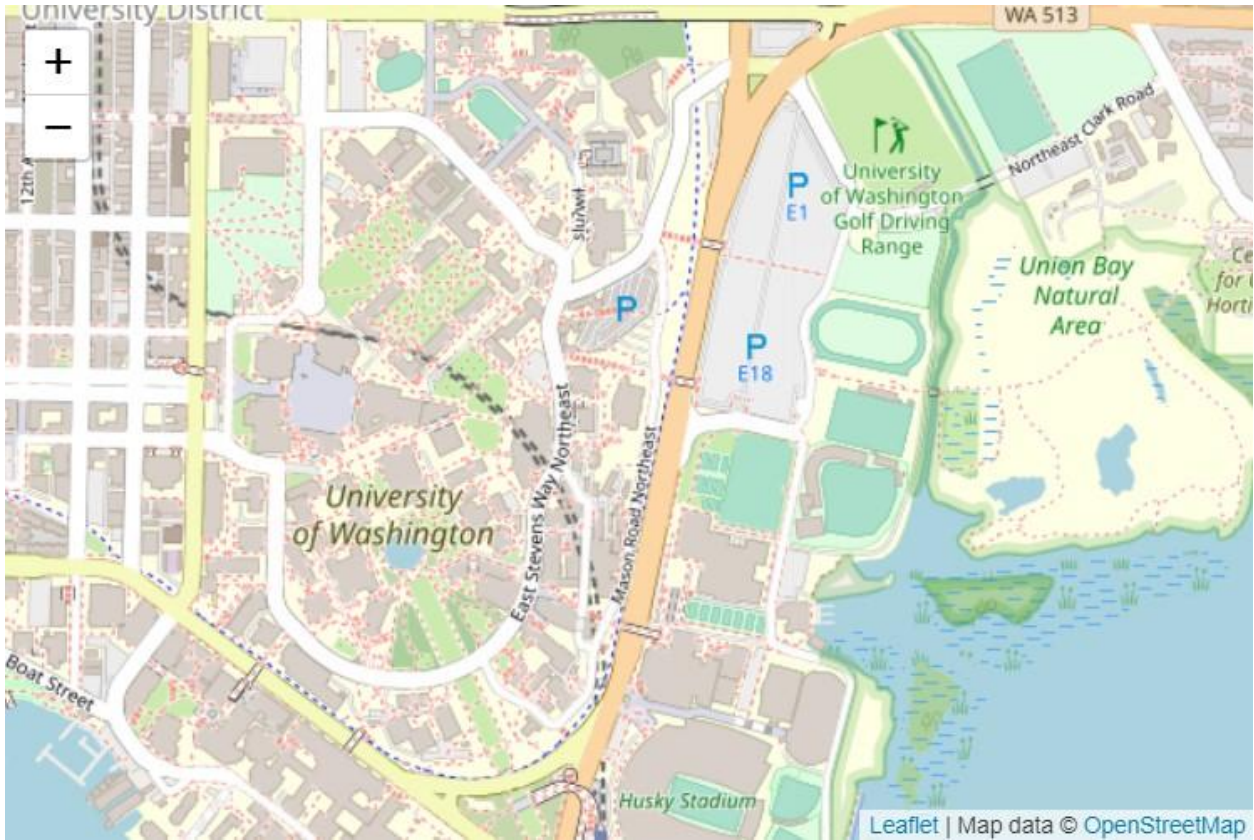
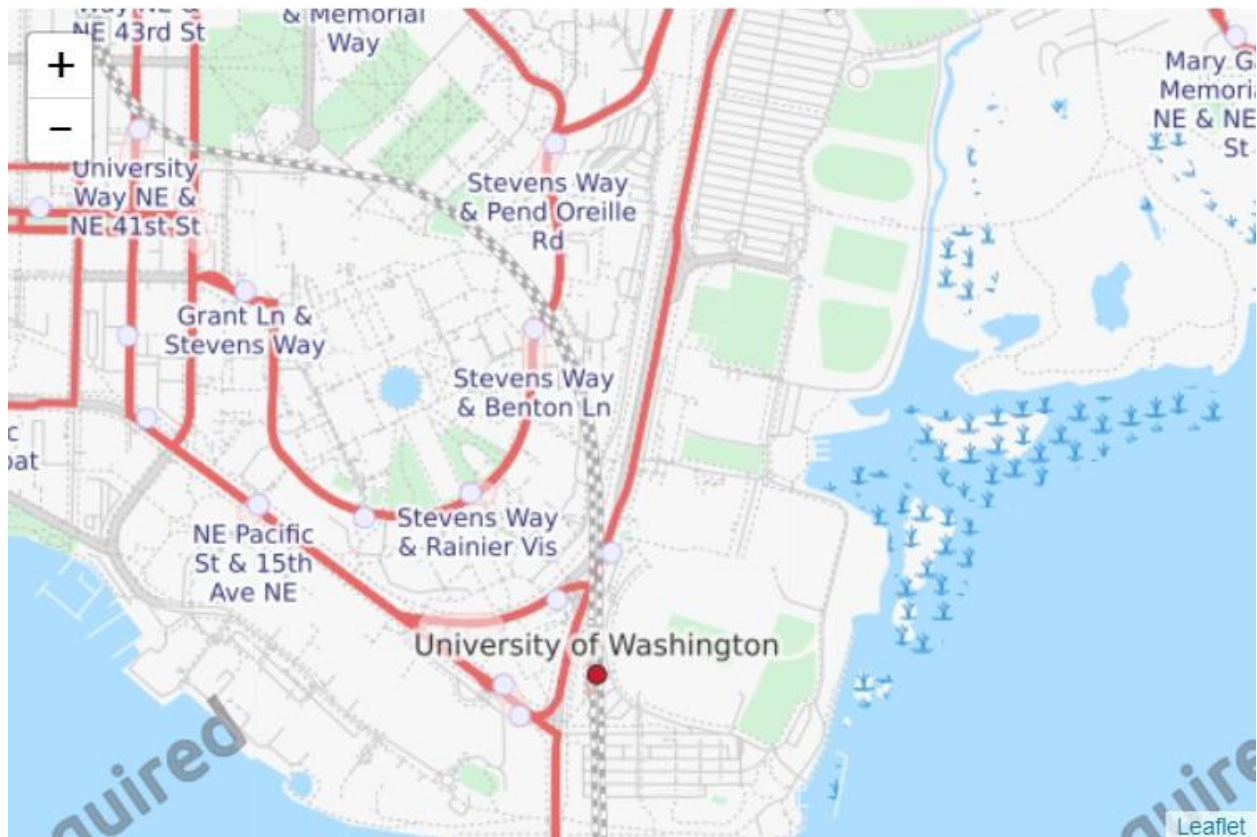


Part 1

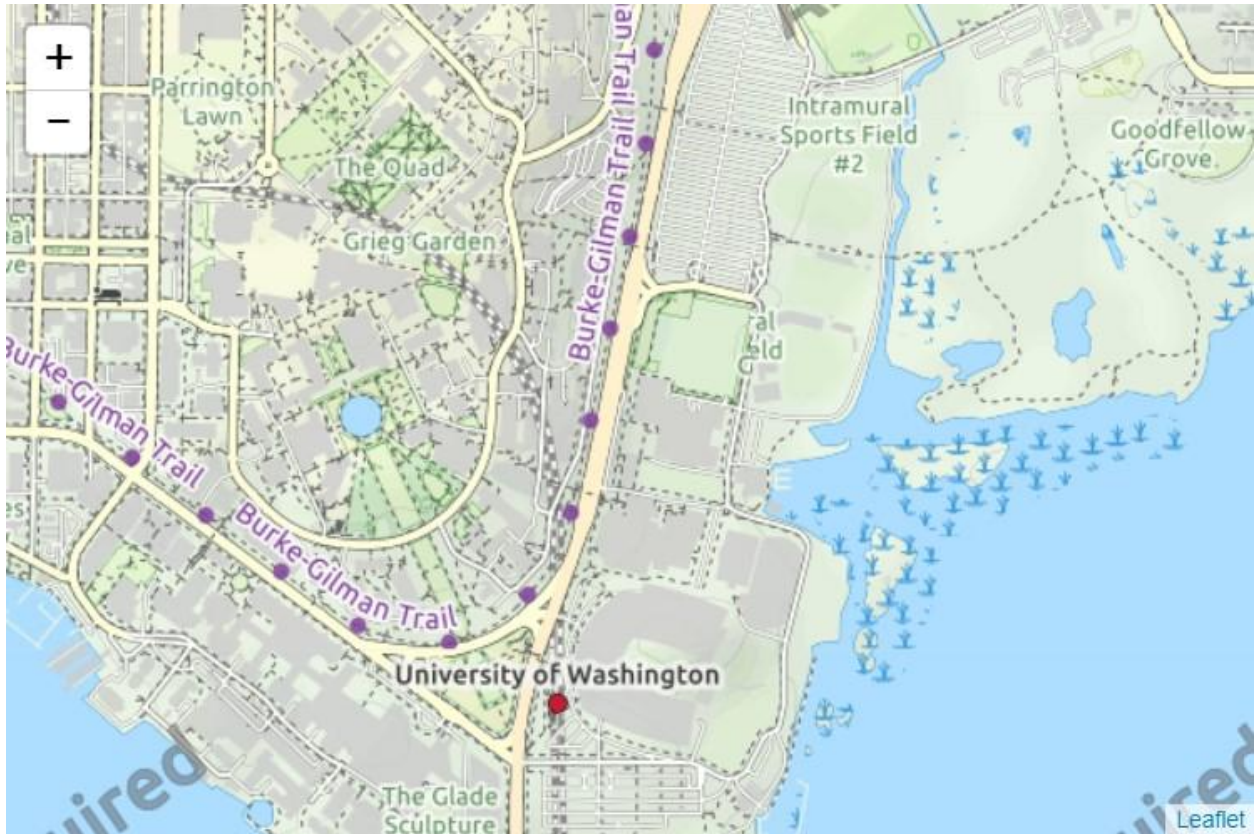


Part 2

Part A



The format of this basemap makes it a great option when working with information related to transportation, such as public transportation. This is especially useful to me because I like public transportation and ride the bus a lot, especially now that I'm living in Seattle and don't have a car. Public transportation information is extremely useful to me because I need to identify the different bus routes I'll need to take when running errands, going to the grocery store, going to the gym, meeting friends, visiting family or going to work. A specific example where this type of map would be useful is a map showing bus routes to the different grocery stores in the U District for students to use.

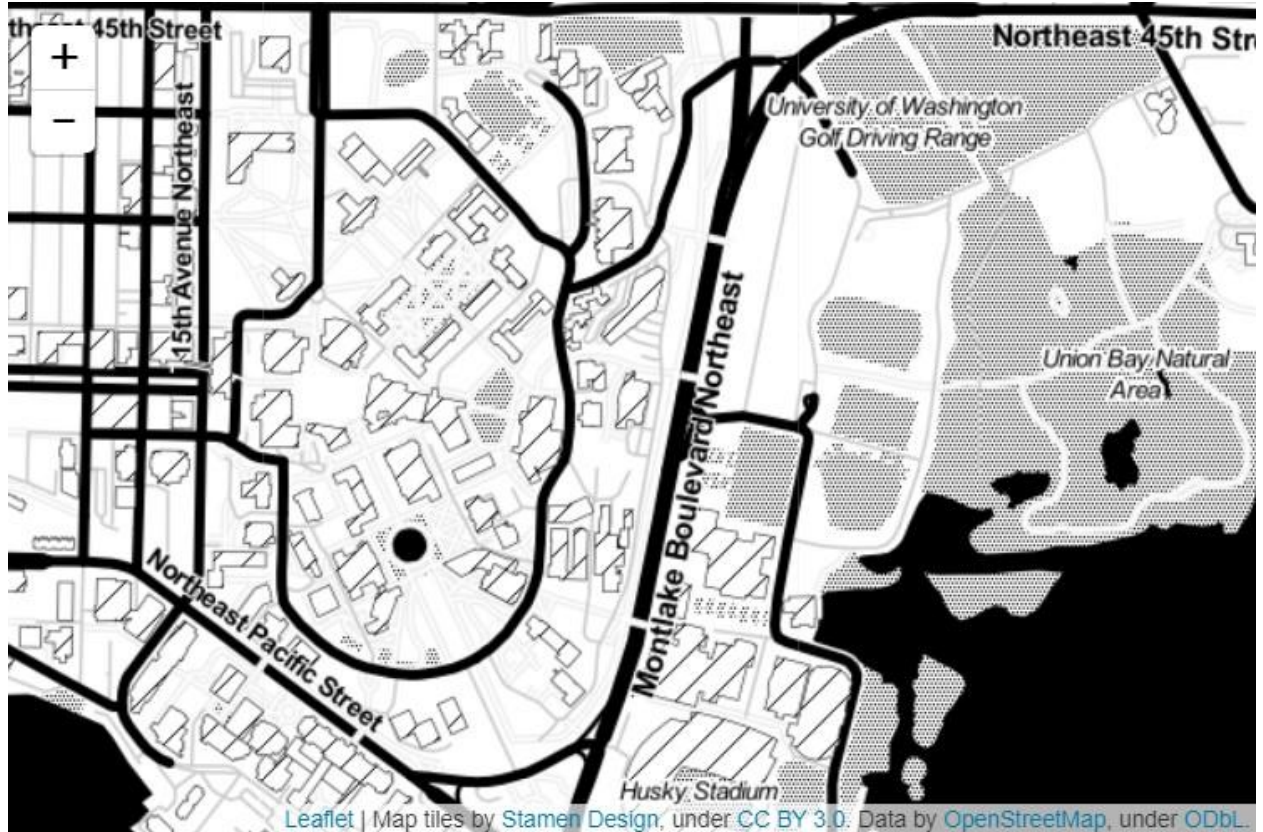


The format of this basemap makes it a great option when working with any sort of information based outdoors, such as the visualization of hiking and skiing routes. My friends are very interested in hiking and skiing, so these are activities we participate in during the summer and winter. This is incredibly useful information, because we can explore different routes for our hikes and skiing trips and always know we have a resource to consult when we want to try a new route, and also decide over time which ones are our favorites. A specific example where this type of map would be useful is a map showing the best hiking routes in the university area, based on input from students who are familiar with the hiking routes in the city, and can recommend the most enjoyable and safe hikes to incoming freshmen.

Part B

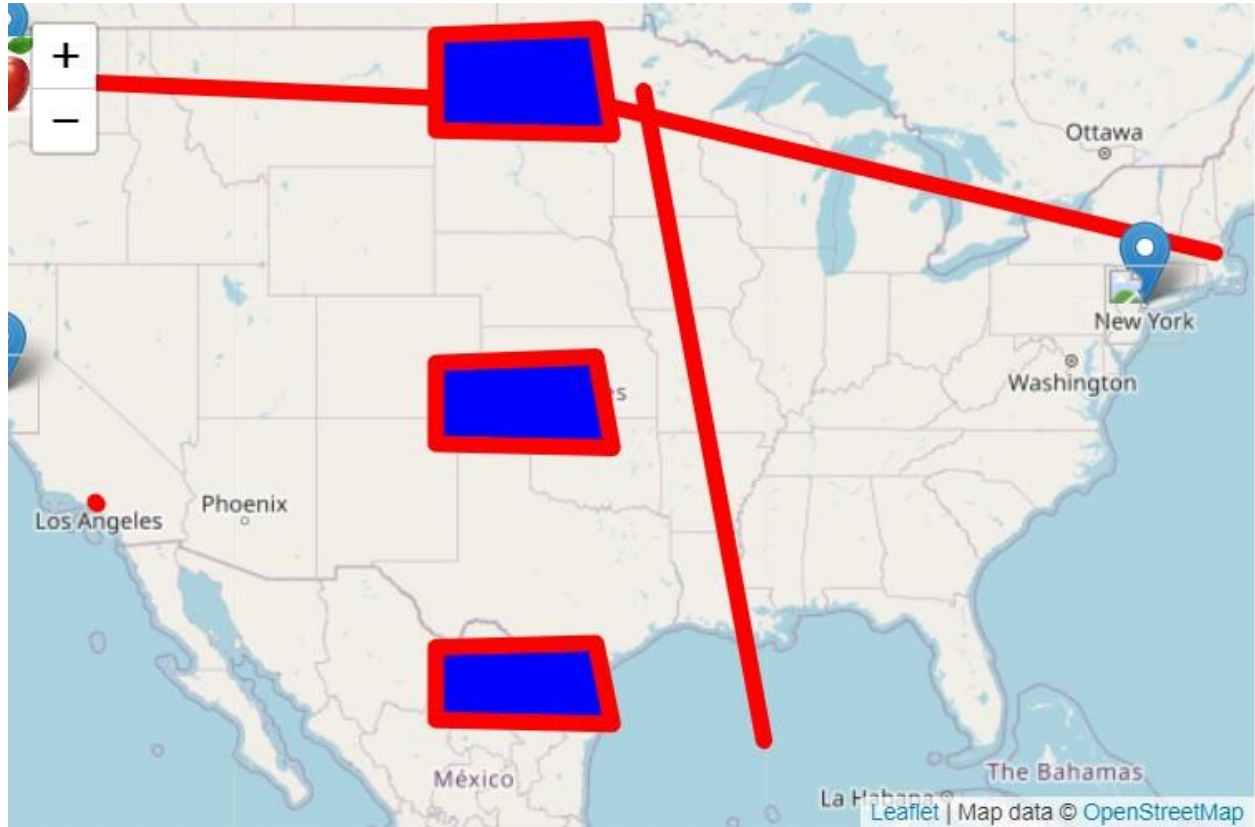


This watercolor basemap would likely be useful in a scenario where you are focusing on the fantasy or magic aspect of a visualization. This basemap style is meant to wow the viewer and really bring out the artistic side of mapping and cartography, it's all about the beautiful design and presentation. For this reason, this may not be the best map for demonstrating serious or concerning information, but it would be highly effective in a more fun and exciting context. A specific example where this type of basemap would work well is some sort of travel map, maybe even a series of travel maps highlighting dream vacation spots for summer since covid travel restrictions are beginning to lift.



A black and white basemap like this would be excellent for when you're plotting something on top in color, especially when it's something that you'd like to draw more attention to. I have a specific example for this type of basemap. I have used a similar black and white basemap to plot covid cases, hospitalizations and deaths to show the severity of the situation and make it really clear how impactful and high volume covid was becoming. The red color helps the dots stand out against the background, due to the contrast, and helps catch the viewer's attention. This makes the map easier for the viewer to understand and digest.

Part 3



I was unable to add my annotations on the html document itself so I included it here. Add two additional points: I added New York and San Francisco as my two favorite cities and created popups for both. I also added the RiseOnHover and Opacity. Add two additional polylines: I added a polyline to show the Mississippi River and another polyline to show the Hollywood Boulevard. Add two additional polygons: I added two additional polygons that are both parallel to the initial polygon example.