Data Visualizations

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## [1] 117
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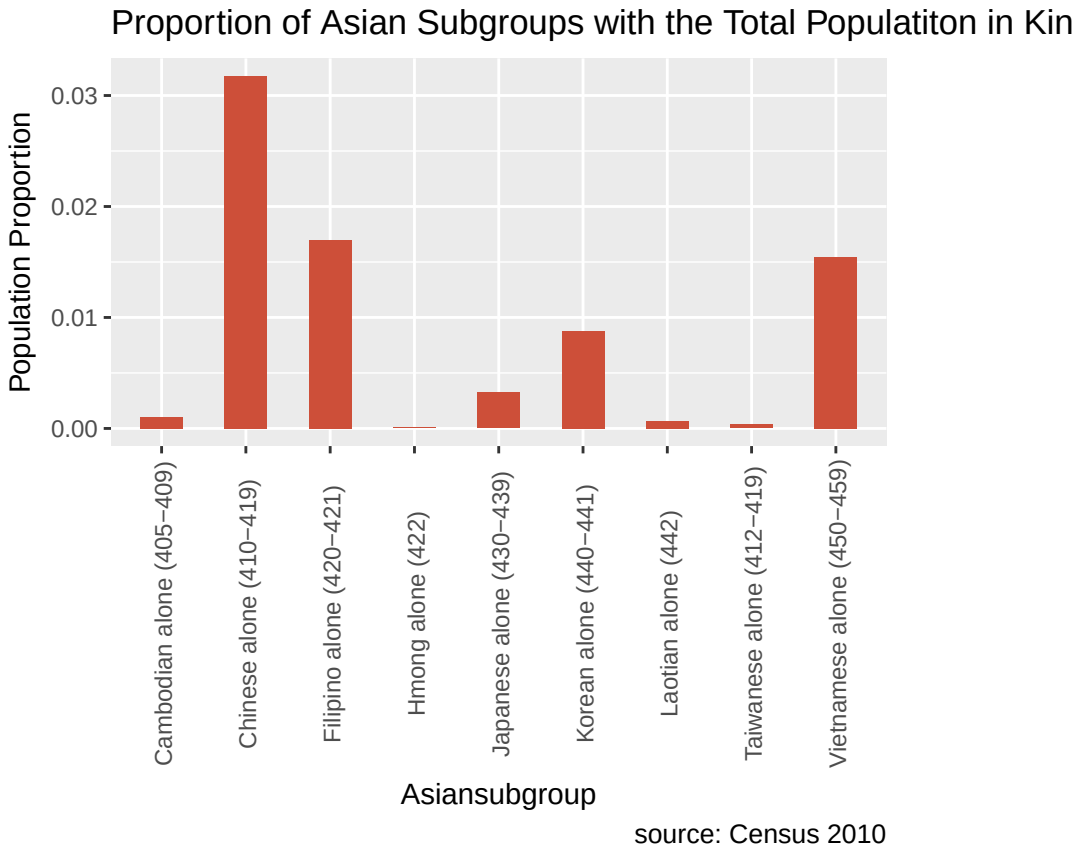
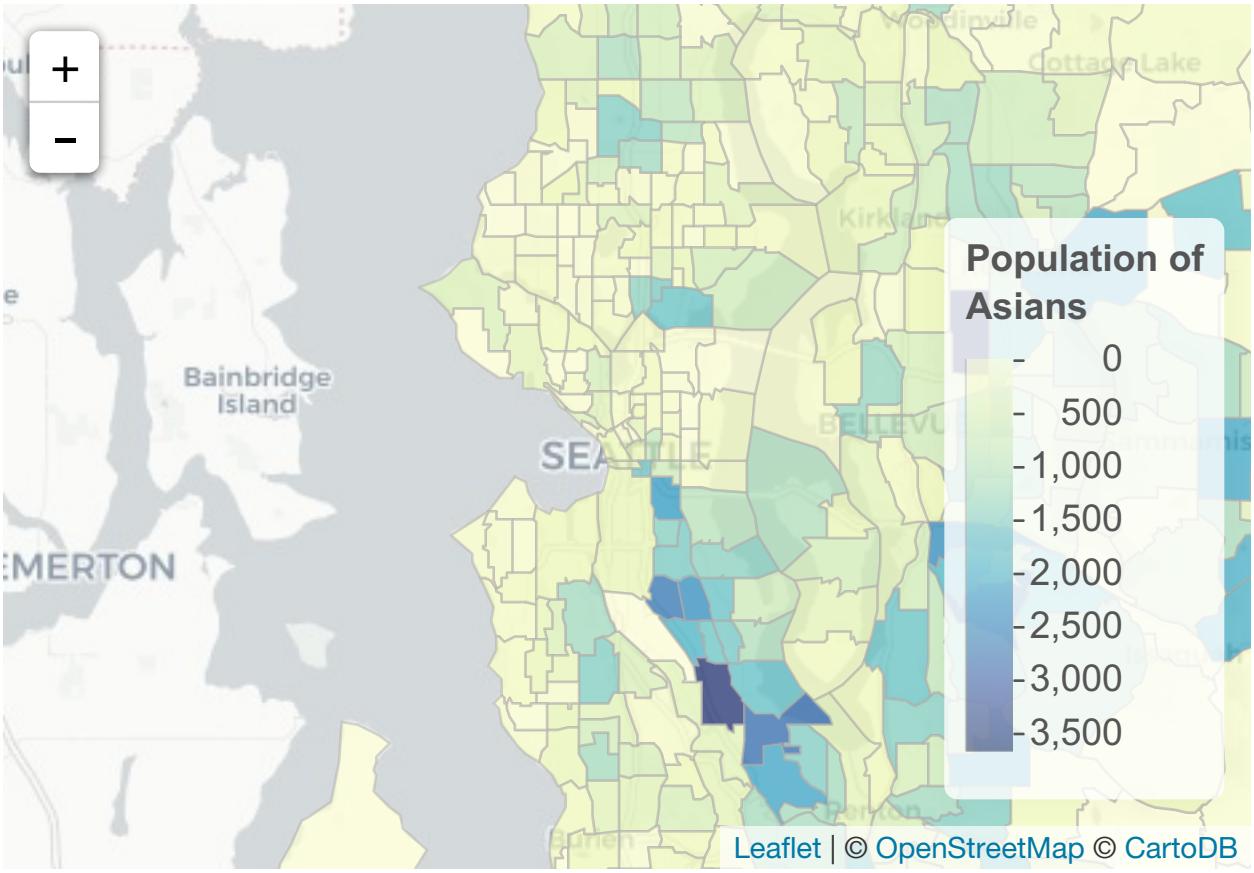


The geom(bar) generates the barcharts as visual representation, that I believe best convey the information of each Asian subgroup population proportionality. The final tale was transformed from two original tables from 2010 Census. Table 1 - mergedata - represented the total population count per tract in King County and table 2 - barpop - represented each Asian subgroup population count per tract. By merging both tables I created tables for total population count per Asian subgroup, and divided the total population count to get the proportion/response varible. My main research question for this quantitative analysis is to convey the diversity withing the Asian racial category and the final barchart represents that by population number.



I chose to represent the 9 different Asian subroups via facet maps, and the code above represents the a sample of total Asian population in King County. I wanted to visually represent the diveristy of residential location per group, and oberserve:

-which neighborhoods each subgroup is located and in which density -level of geographical integration and dispersiveness -are they located in traditionally neighborhoods of color, or predominatly white neighborhoods -how each subgroup compares - do each Asian subgroup tend to live in similar neighborhoods, and which subgroups tend or not to cluster together

I believe maps best visually represent the complexities the mentioned information.