Affordability

Commute*

Change in family size*

Close to highway

Quality of K-12 schools

Close to public transit

Walkability*

Close to friends or family

Space and separation*

GRAPH LEGEND

- Remainder of Seattle
- Eastside
- South King County
- Snohomish
- Central Seattle

NOTE*
Walkability: Walkable neighorhood and being near local activities
Space and separation: Having space and separation from others
Commute: Within 30-minute commute to work
Change in family size: Change in family size or marital/partner status

Source: Puget Sound Regional Council

Source: https://twooctobers.com/blog/8-data-storytelling-concepts-with-examples/

This is a visualization for major factors Seattle residents consider before buying a house. The author uses a radar chart to show all the factors people consider before buying a home. One of the benefits of using a radar chart is that according to the data in the chart, people will consider 9 important factors before buying a house. Therefore, it's very difficult to show these factors and their importance at the same time using a pie chart or a bar chart, but by using a radar chart, the author can place nine factors in the nine corners of the figure, and let people intuitively see the importance of each factor.

According to the data in the graph, the main concern for most people when buying a house is "affordability", "commute", "close to public transit" and "walkability" and people don't care much about all the other factors like "space and separation", "close to highway" and "change in family size" etc. Through these factors, we can conclude that when people buy a house, they mainly consider the "convenience" of the house and the price of the house.