REPORT

**Introduction**

**Background:**

I am a Data Scientist residing in India. I currently live within walkable distance to grocery store, reputed educational institutes, malls and entertainment zones. I have received an offer letter for MS in University of Washington, USA which offers me a good scholarship. The key question is: How can I find a similar location to mine in Washington. Certainly, I could use available real estate apps and google but the idea is to make a comparison and evaluation of the rental options at Seattle, Washington.

**Problem:**

We need to find a suitable apartment that meets the conditions

**Requirements:**

* apartment must be 1 or 2 BHK
* Desired location must be close to my university
* price shouldn't exceed $6,000
* desirable to have venues such as grocery store, coffee shops, Asian restaurants and food shops.

The data cleaning and wrangling was done to obtain the required data.

K means was used as the the neighborhoods closest were used.