Springboard: Data Science Career Track
Business Insights Specialization
Capstone 3 – Pedro Rodriguez, 3rd idea

Problem Statement:

1. **Summary**: The client is moving to Seattle and wants to buy a house to put it on the Airbnb market. He has some locations in mind and an idea of the ideal price per booking, but the research found some hosts, including fees like cleaning fee making him think about how putting a cleaning fee will impact the monthly booking.

1. **Context**: Airbnb is a growing market in Seattle. It is a business with many opportunities and more for Seattle people looking for something cheaper than a hotel for tourism or a luxury house for a weekend party. There is a product for everybody.

2. **Criteria for Success**: Identified how the cleaning fee impacts the monthly booking.

3. **Scope of the Solution Space:**
   1) Understand how the market behaves in Seattle
   2) Identify how the price varies between residency type and location?
   3) How including a fee in the price affect the booking?

4. **Stakeholders to Provide Key Insights**:
   a. Laura Rodriguez

5. **Required Data Sources**:
   a. Seattle Airbnb booking information
   b. The prices, frequency of booking,