# Project 2

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# **Kings County** Housing Analysis

- Overview
- Business Problem
- Modeling
- Results
- Business Recommendations
- Next Steps

# Overview

- Improve Low Value Properties in Kings County

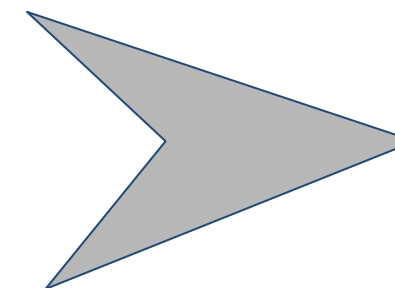- Grants to Low Grade Housing

- Hired Pewter Analytics

# Business Problem

- Which Neighborhoods would Benefit?

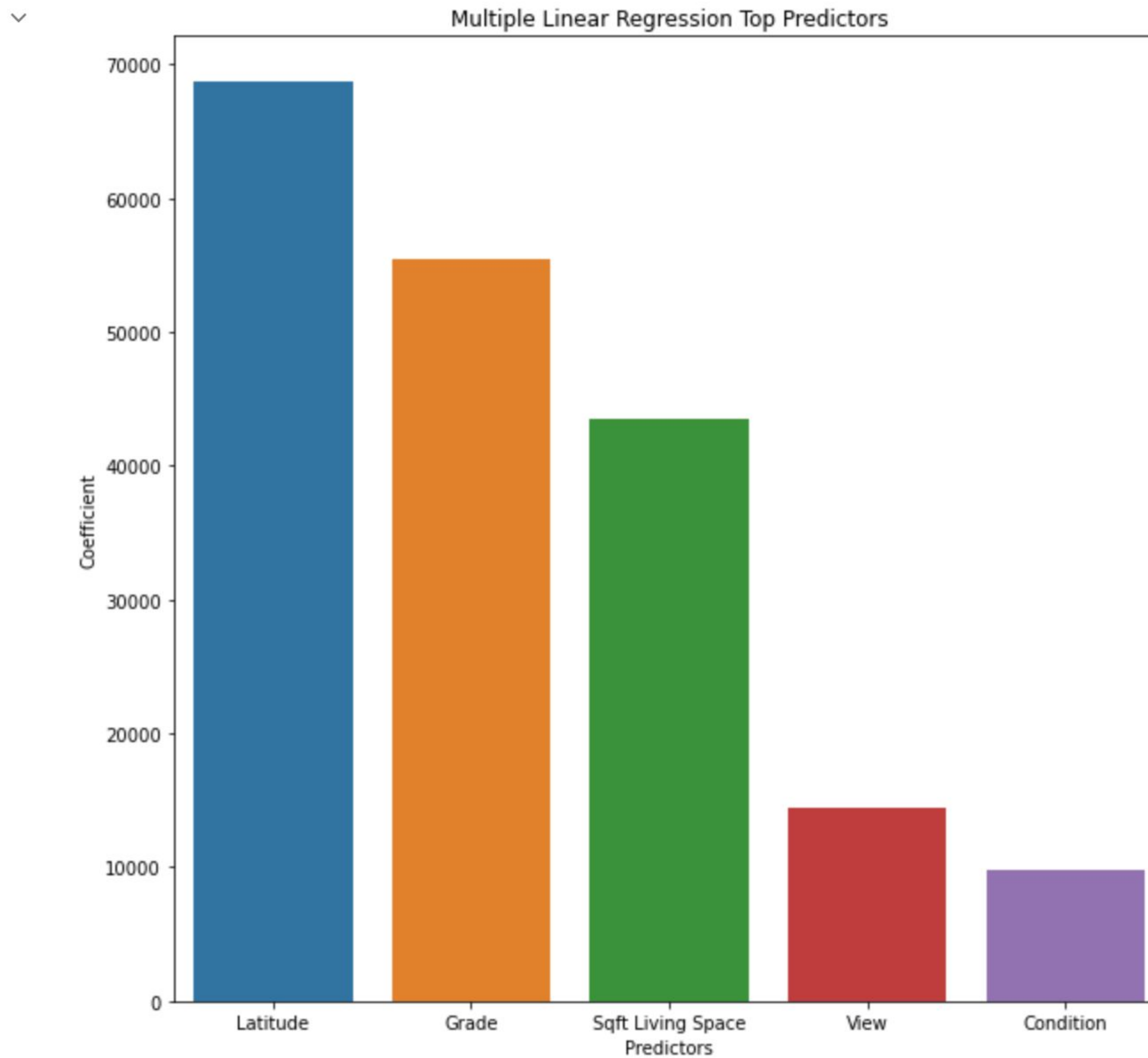- How can Homeowners use Grants?

# Modeling: Set Up

| Predictors |
| --- |
| Grade of Property |
| Year Built |
| Number of Floors |
| Square Foot of Living Space |
| Square Foot of Property Lot |
| Condition of Property |
| View from Property |
| Latitude and Longitude |

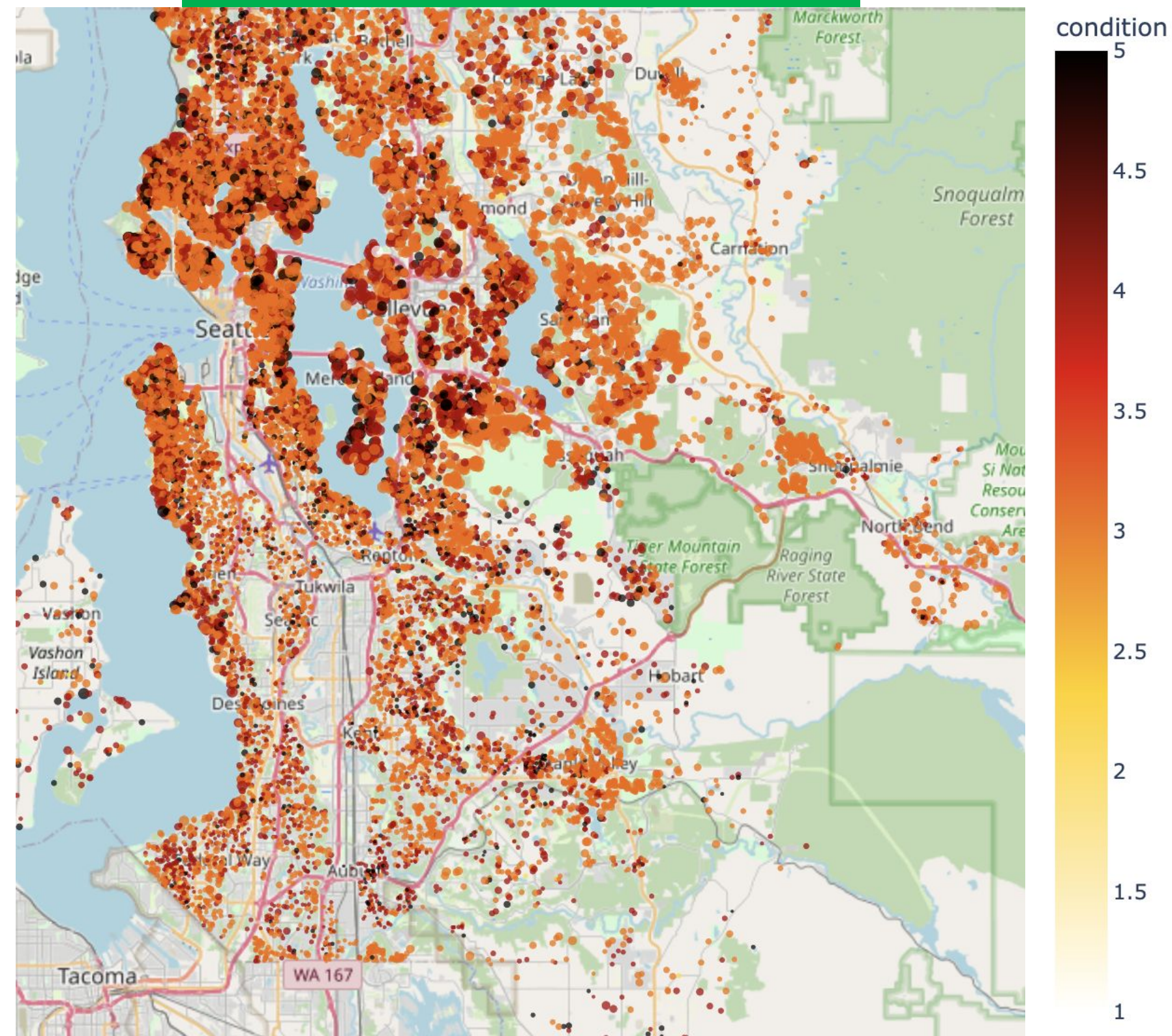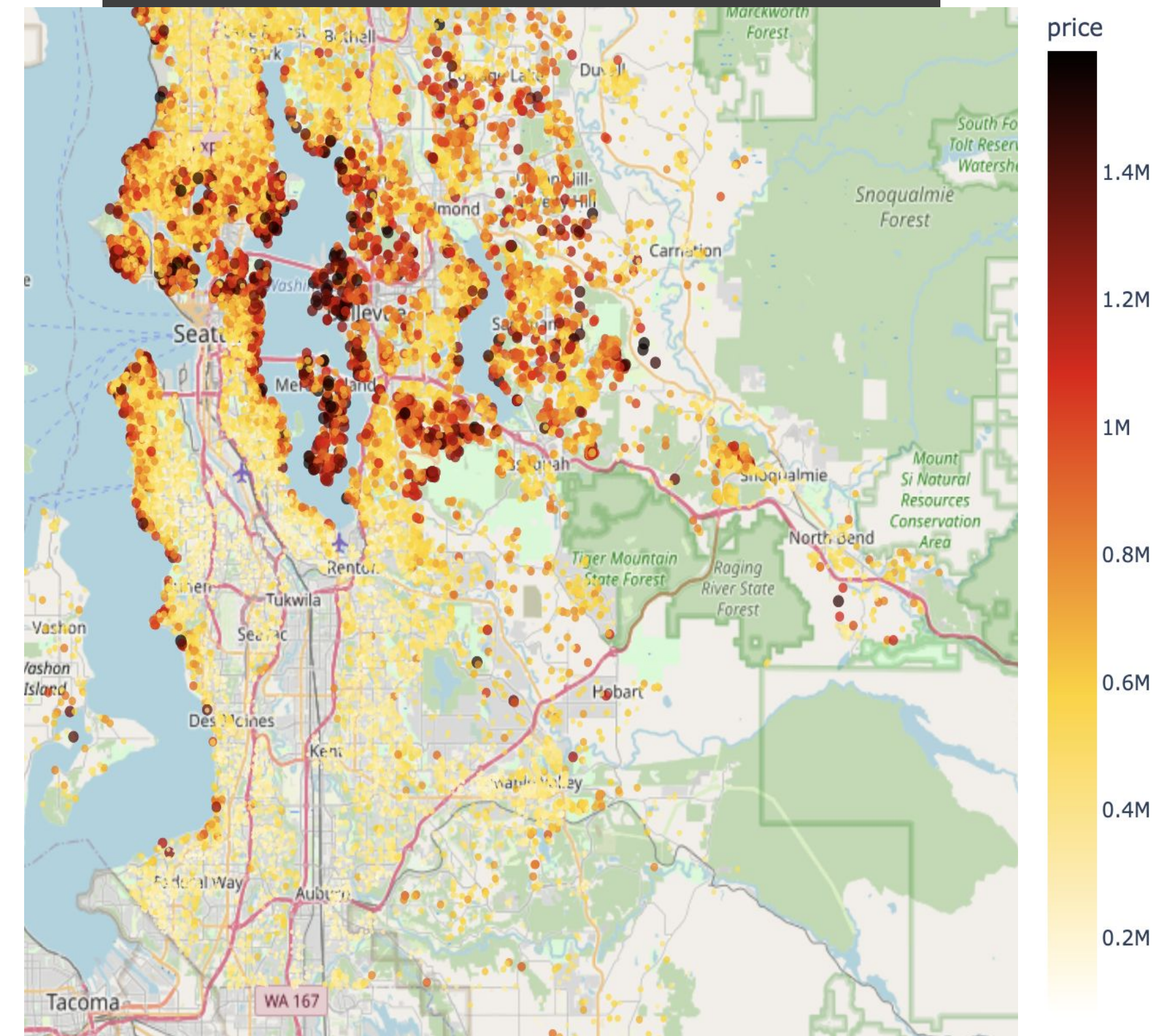| Target |
| --- |
| Sale Price |

# Modeling: Top Predictors

# Modeling:  Results



Condition of House



Home Sale Price Per Location

# Modeling: Results



Renovated

None Renovated

price

1.8M

1.6M

1.4M

1.2M

1M

0.8M

0.6M

0.4M

0.2M
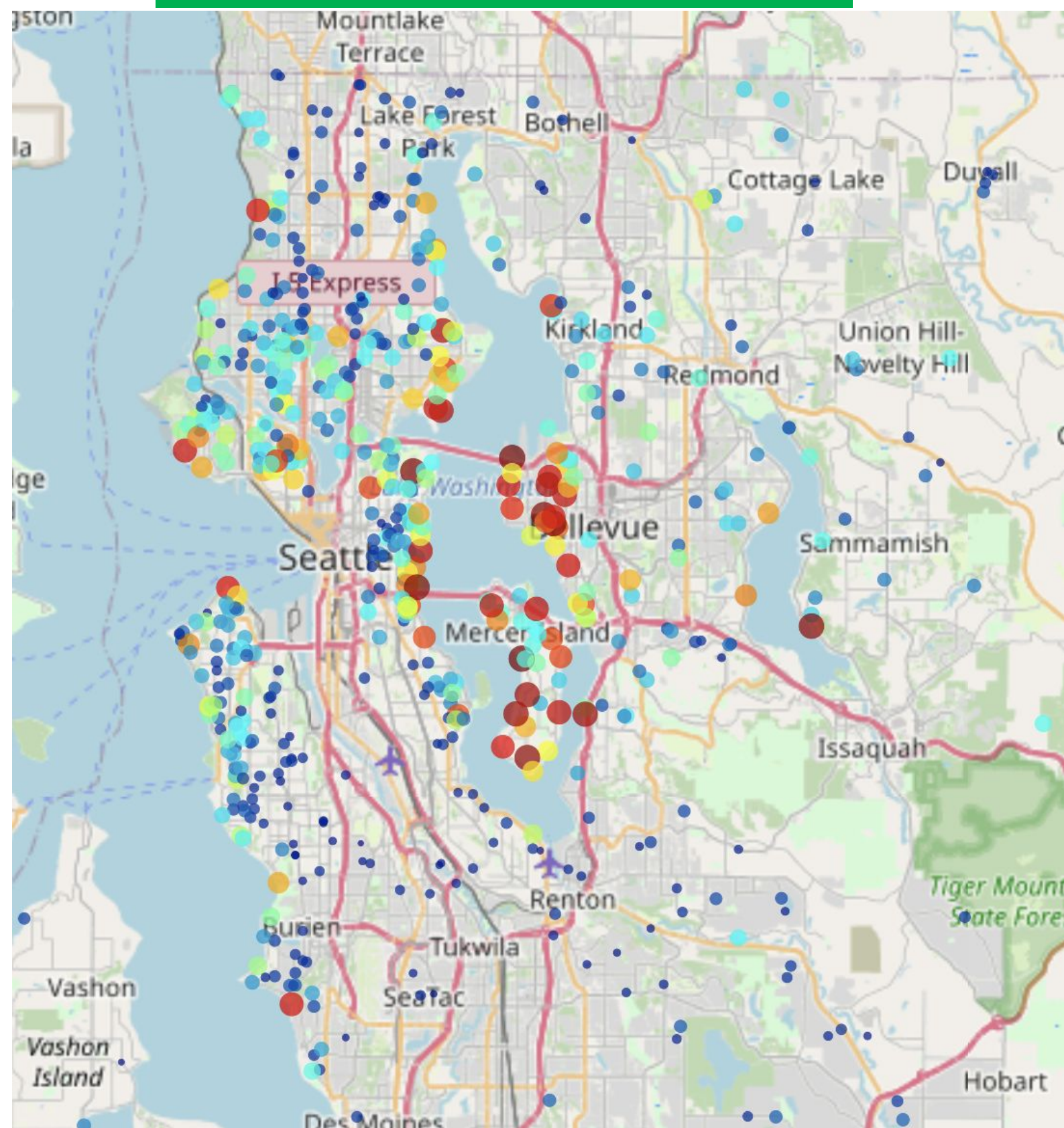
Average Price Per Home: $685485
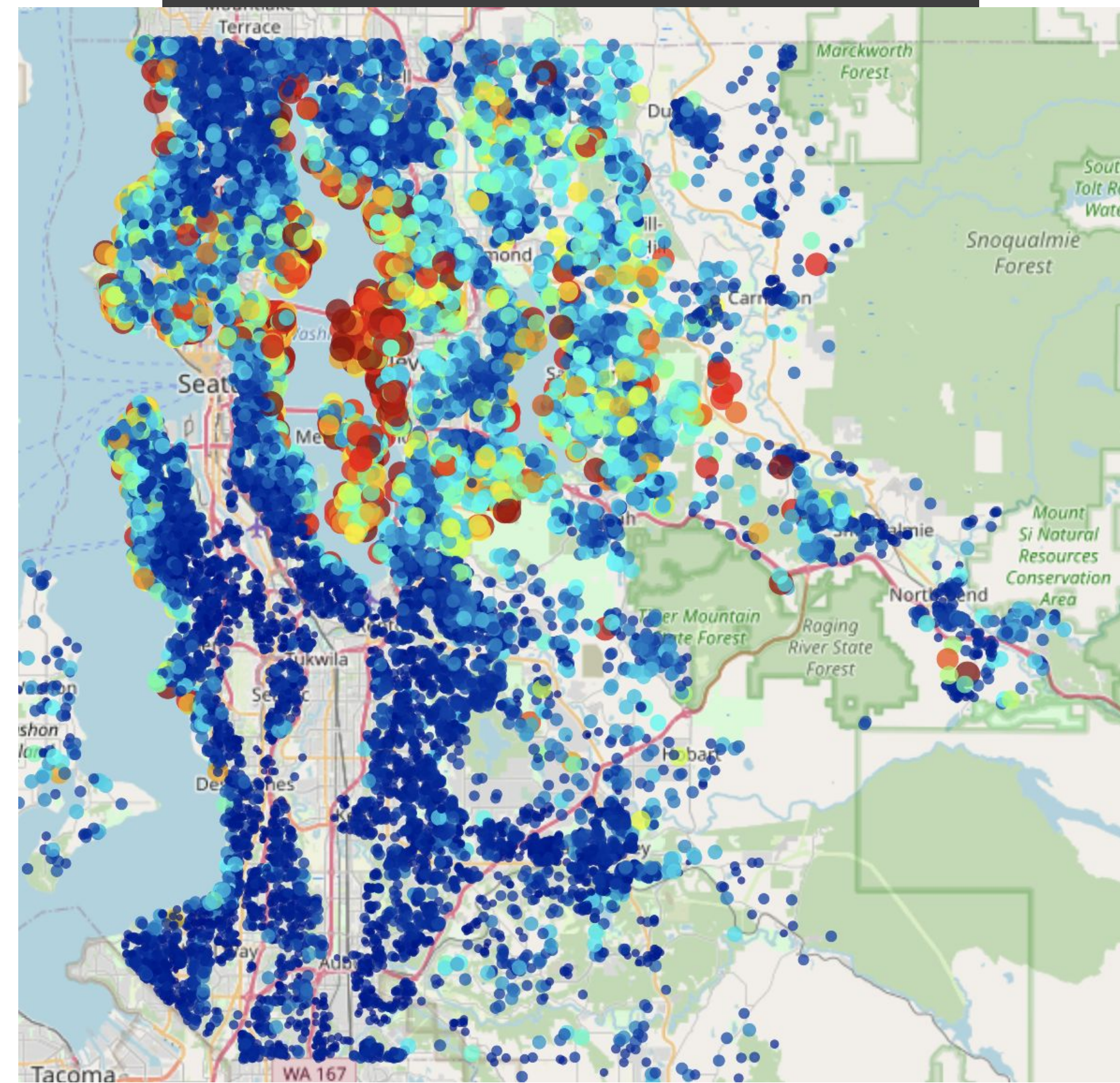
Average Price Per Home: $512561

# Business Recommendations

- **Give Grants to Improve <u>Condition</u> of House**

- **Find Houses that have not been <u>Renovated</u>**

# Next Steps

- **Contact homeowners who qualify for grants**

- **Focus on zip codes with low renovation numbers**

THANK YOU!