

By Flatiron LLC

Presented by Kevin McDonough & Kyle Dufrane







Location



Under-valued







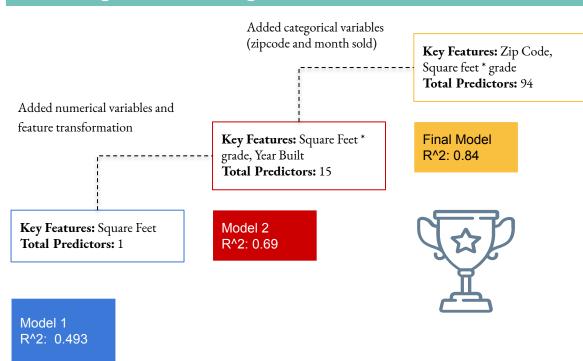


# 2014-2015 King County Housing Sales Dataset

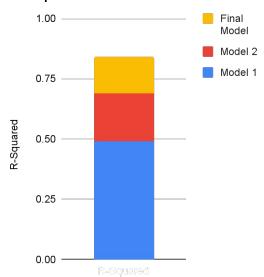
Interactions with GeoPandas & Folium

Linear Regression

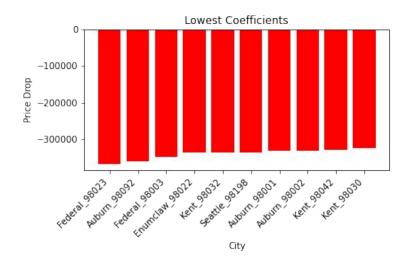
#### **Linear Regression Modeling**

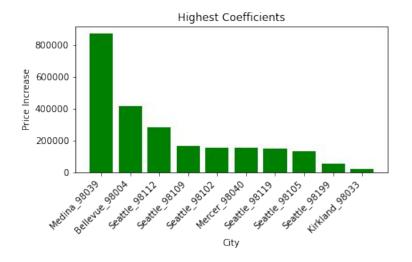


#### R-Squared Model Contributions

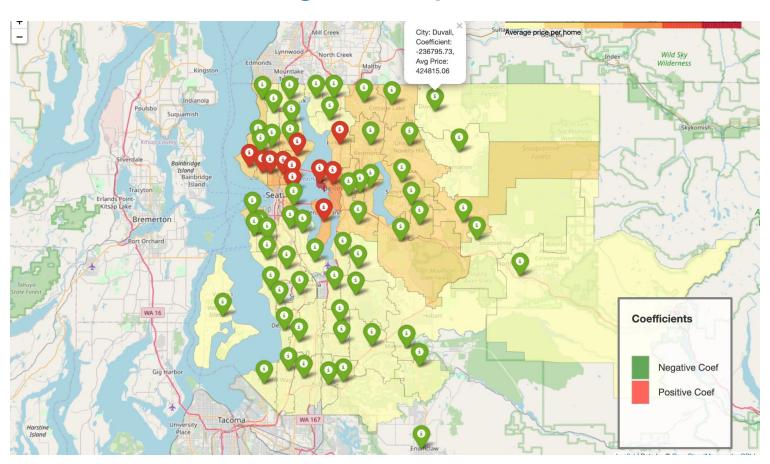


#### **City Effect on Price in Model**





## **Housing Prices by Location**



#### **Further Insights**



**Family** 

Family with 3 young children



Bedrooms

Looking for 4BR



**School District** 

Want to buy in good school district



**Square Footage** 

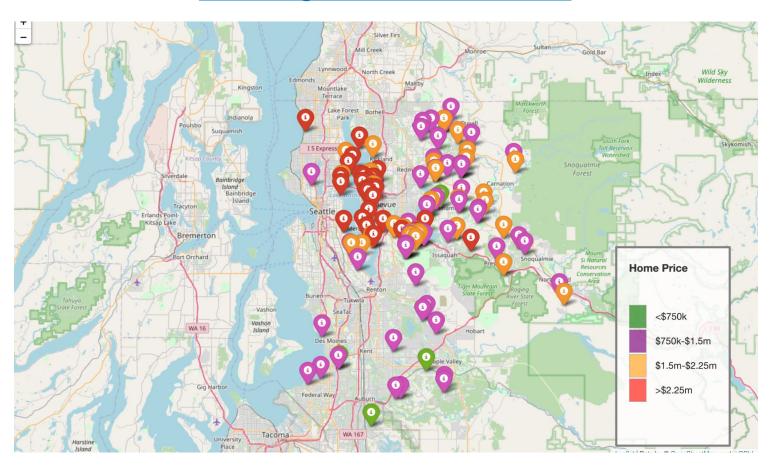
Maximize square footage (4,000+ sqft)



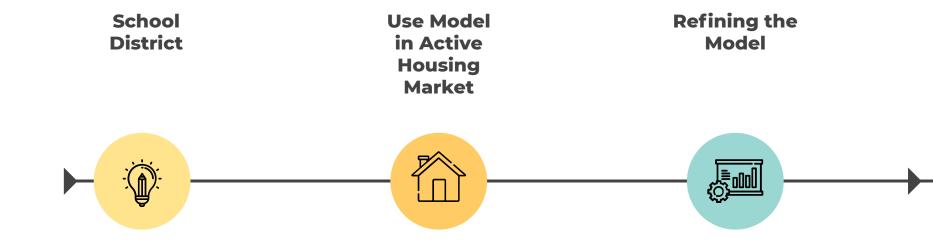
Price

Minimize Price

## **Housing & Predictive Price**



#### **Next Steps**



## **THANKS**

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#### Kyle Dufrane

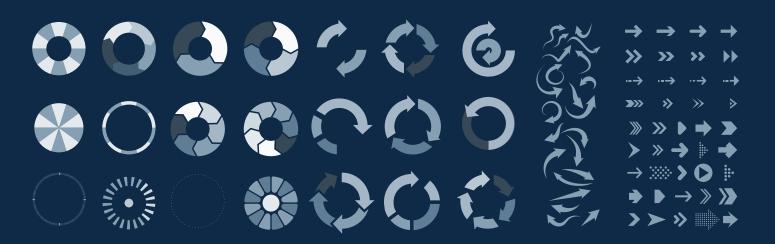
kyle.dufrane@gmail.com Github: https://github.com/kyledufrane

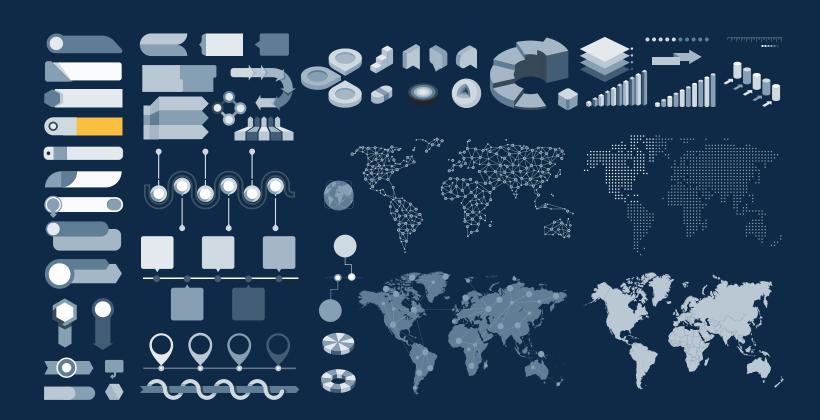
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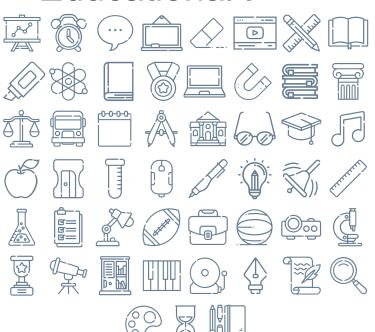
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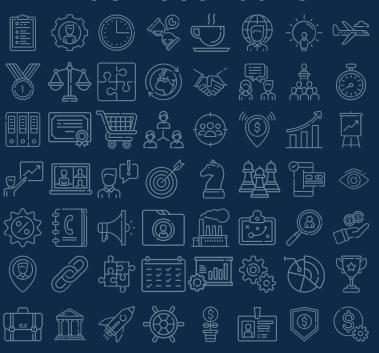
#### Educational I



### **Medical Icons**



#### Business Icons



#### Teamwork Icons



## Help & Support



### **Avatar Icons**



#### **Creative Process**



## **Performing Arts**



#### Nature Icons



## SEO & Marketing Icons

