

# Visualizations

Minah Kim

$$\hat{y}_{overbudget} = -14.26 + .02x_{Age} - .18x_{Bedrooms} + .17x_{Bathrooms} + .0009x_{SqftLiving} + .000008x_{SqftLot} - .79x_{Floors} + .37x_{Condition} + 1.21x_{Grade} + .0006x_{SqftLiving15} + 3.36I_{WaterfrontYes} + 1.04I_{ViewYes} - .25I_{BasementYes} + .53I_{RenovatedYes} - .14I_{SeasonSummer} - .39x_{Distance} + .0005x_{SqftlivingByFloors}$$

$$\hat{y}_{age} = 109.9 + 0.00002x_{Price} + 2.16x_{Bedrooms} - 16.17x_{Bathrooms} + 0.002x_{SqftLiving} + 0.00002x_{SqftLot} - 9.12x_{Floors} + 9.31x_{Condition} - 8.31x_{Grade} + 0.002x_{SqftAbove} - 0.86x_{Distance} - 0.003x_{SqftLiving15} - 0.00001x_{SqftLot15} - 9.73I_{WaterfrontYes} + 7.66I_{ViewYes} + 3.97I_{BasementYes} + 3.07I_{RenovatedYes} - 0.25I_{SeasonSummer}$$

$$\hat{y}_{age} = 109.9 + 0.00002x_{Price} + 2.17x_{Bedrooms} - 16.18x_{Bathrooms} + 0.004x_{SqftLiving} + 0.00001x_{SqftLot} - 8.80x_{Floors} + 9.23x_{Condition} - 8.21x_{Grade} + -0.86x_{Distance} - 0.003x_{SqftLiving15} - 9.89I_{WaterfrontYes} + 7.46I_{ViewYes} + 2.73I_{BasementYes} + 3.66I_{RenovatedYes}$$