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# KING COUNTY HOUSING ANALYSIS

PRESENTED BY :

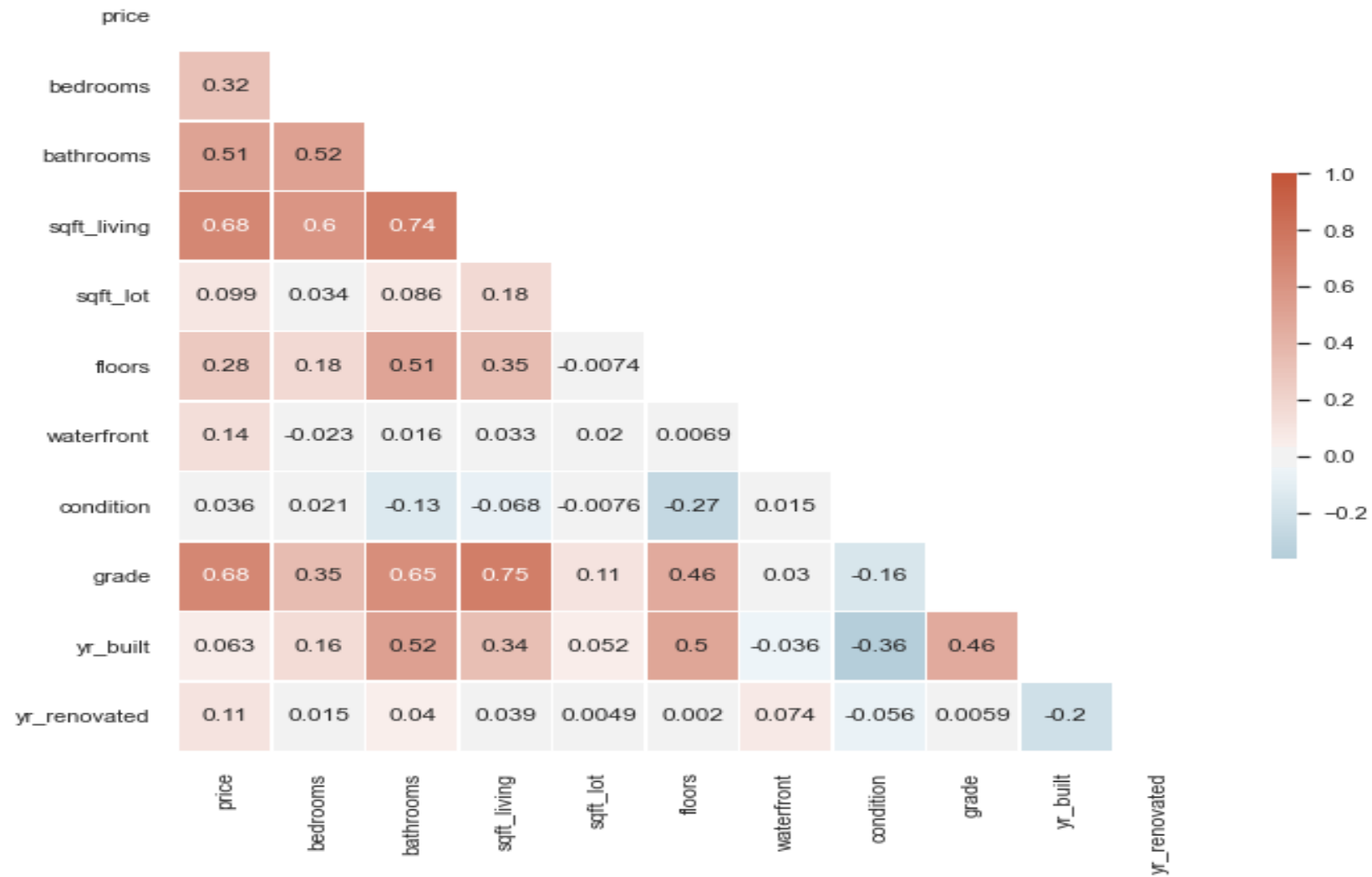
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## OBJECTIVES

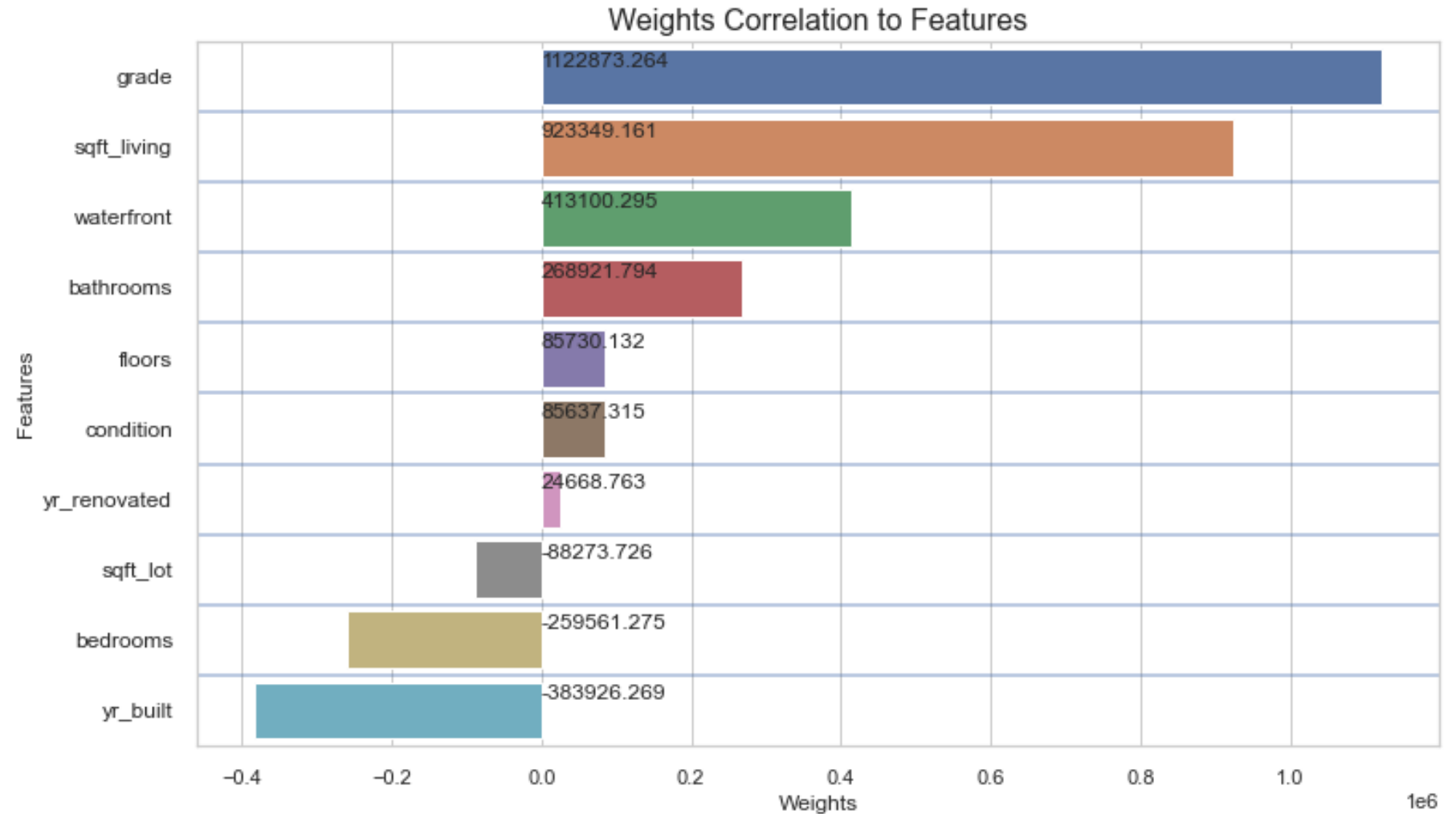
- Based on King County, WA housing data provide practical **recommendations** for potential sellers on which **home renovations** might increase a home value.
- Based on multiple linear regression model, detect **features** that have the strongest relationships with **housing prices**.

# DIAGONAL CORRELATION MATRIX



## THE MOST IMPACTFUL FEATURES

- Building Grade  
( grade)
- Living Space  
(sqft\_living)
- Year Built  
(yr\_built)



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## RECOMMENDATIONS

- **Building Grade.** Improve exterior and interior finish work and design, add amenities of solid woods, bathroom fixtures and more luxurious options.
- **Living Space.** Increase living space ( bathroom and /or bedroom) .
- **Year Built.** Sell a house before it gets too old.



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# FUTURE WORK

1. Find out which **months** are the most popular for **house sales**.
2. Use an **iterative approach** to multiple regression modelling to determine the most impactful features .
3. By what **exact amount** the features might increase the estimated homes value.



**THANK YOU !**