# Ensemble methods

## Lecture

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| Key messages | Questions from students |
| May need to do **brew install graphviz** as per this website <https://formulae.brew.sh/formula/graphviz>  To be able to view the root nodes |  |

## 1. Houses Kaggle Competition

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| Key messages | Questions from students |
| Need to drop “ID” and “Sale Price” from the X dataframe.  May need to use .dtypes.value\_counts() to see all the data values.  For the custom scorer, can use the sklearn mean square log error if required, and lambda functions  When trying to use SelectPercentile, you should read the User Guide to see how to pass in the mutual\_info\_regression. |  |

## Recap

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| Key messages | Questions from students |
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