

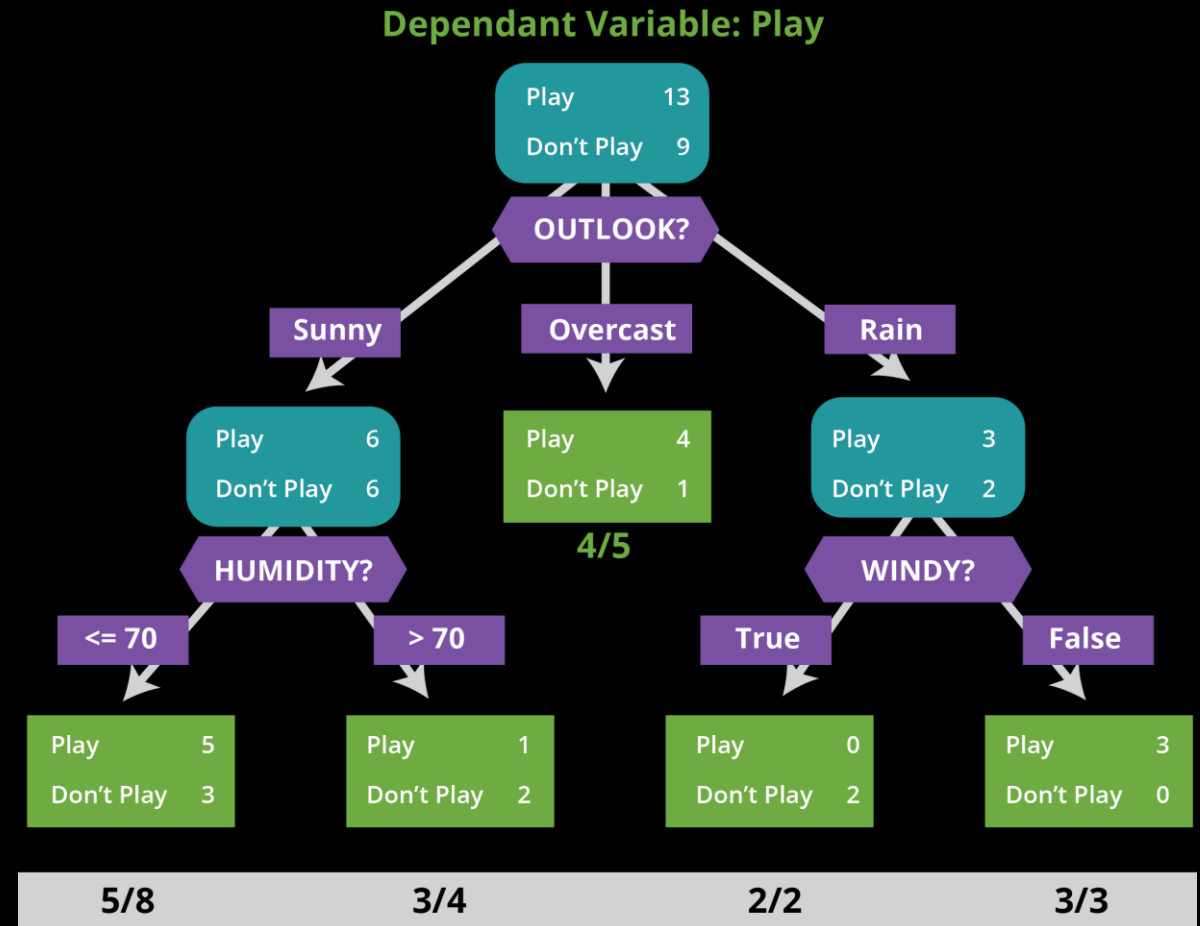
# Decision Trees



Mass Street  
University  
PER EDUCATIONEM PROGRESSUS

# Decision Trees

- Are a collection of 'If / Else' statements.
- Very human understandable.
- Very robust and can handle complex data.



# Decision Tree Strategies

- Pruning gets rid of redundant branches and improves training time and accuracy.
- Bagging reduces training time and boosts accuracy.
- Bagging also creates a better representation of the data and reduces overfitting.

## Tree Pruning Example

