NBA All-Star Selection Predictions: Executive Summary

The executive summary should be organized and written well. Specifically, it should follow this outline.

**Paragraph 2:** The big picture

* your project's question
* why the question is important/interesting
* what makes this a prediction problem

**Paragraph 3:** Data

* sources
* cleaning
* challenges
* shortcomings

**Paragraph 4:** Methods

* learning methods applied
  + boosted tree
  + decision tree
    - area under ROC curve
  + linear regression (classification)
  + elasticnet
    - accuracy
* tuned parameters
  + shown above
* method for tuning

**Paragraph 5:** Results and conclusion

* how you measure performance/success
  + Correct prediction of a player’s allstar status
* how your models perform
* what you think limited your performance
  + low variability in the outcome variable: few allstars per season
* what you learned in this process
  + outcome variability is important
  + greater the outcome variability, the more specific you need to be in your metric depending on what you are trying to estimate

**Paragraph 1:** Brief overview of paragraphs 2–5