

# Learning R Through Sports

(Learning Sports Through R)





# What is R?

- Interpreted language
- Heavily used for advanced math statistics and analysis and predictive computing
- Similar to MatLab

-<https://www.r-project.org/>



## **Let's Look at Some Actual Code**



# Taking R Further

- Lots of interactive graphical elements
- Create web apps directly in R
- ShinyApps.io
  - ◆ [https://monkmanmh.shinyapps.io/MLBrunscoring\\_shiny/](https://monkmanmh.shinyapps.io/MLBrunscoring_shiny/)
  - ◆ <https://shiny.rstudio.com/articles/basics.html>



# Thank You!

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<https://github.com/mikeroznik/CodeMash2020>

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# Additional Resources

<https://baseballwithr.wordpress.com/>

<https://baseballwithr.wordpress.com/2016/09/19/constructing-heat-maps-for-avg/>

<https://tht.fangraphs.com/a-short-ish-introduction-to-using-r-for-baseball-research/>