

Oakland Athletics Sport Science Analyst Exercise

Attached are the Blast time series data for two swings (one swing each for two different players). We would like you to sift through the data and complete the following questions.

1. Create a compelling visual of each swing. Please provide any code snippet you use to create the visual.
2. Tell us about each swing. Some prompting questions: What do you notice? Are there similarities? Differences? What are the pluses and minuses of each swing?
3. Propose a project using more of this data. If you were to build a model to examine how effective a swing is, what inputs from this would you use? What extra data would you want? What assumptions do you need to make on the swings? What would your model look like?