

[redacted – candidate name] Interview -- Zoom

From: Ventura, Sam

Sep
21,
2021

to Sam

[redacted],

Looking forward to speaking with you tonight. A Zoom link for our interview is given below. [redacted – Zoom link]

One question I am going to ask tonight is below. I want to give you some time to read it and think about your answer before we chat.

Michael Schuckers writes, "One tenet of Statistics, the discipline, is that your unit of analysis should be the largest unit that is impacted by your factors. In the case of sports that often means plays or shifts or possessions. Consequently, doing analysis at a game or season level is not ideal since it doesn't disentangle all of the important impacts."

Explain what he means here in your own words. What is an example of a commonly used "advanced" statistic (in any sport) that fails this test? Why does it fail the test? How would you redesign that statistic so that your new version passes this test? (<http://statsportsconsulting.com/2017/04/12/qoc/>)

Talk to you soon,

Sam