Title is here

Subtitle is here too!

Intro

> **Pay Attention**
>
> This article is not a diss towards Data Science or any related field.

This is not a comprehensive review on Data Science (DS), for a review refer to (Donoho 2017). Rather, I wanted to articulate my views on the issue with DS and related fields.

Prior studying my Masters in Data Science, my only exposure to DS was from NFL Twitter[1] and Open Source Football. This created an expectation of the level of analysis that was the norm in DS, which was not too daunting given my background in Psychology. The part of Psychology that I enjoyed the most was the research side of it, which drew me towards DS given what I understood it to be from my limited knowledge of the field.

Hi

So typically when someone becomes an analyst, they come from one of two paths

- Quantitative background: this can be from an engineering or computer science field
- Qualitative background: this is more relating to social sciences like in my case, psychology

  Those that come from a statistics background are kind of a unicorn since they cover both sides. Honestly, I have not come across many people recently that have or are studying a degree specifically in statistics.

[1] NFL Twitter is a common term used for NFL related analysis that is shared on Twitter.

Data Science

Like anything popular, there exist many competing definitions of what DS is, which can vary on domain and context. In general, it can be broken down into academia vs industry.

- Academia: DS is no different from what you would expect from a statistician.
- Industry: DS is a trendy word that can refer to any specific task that relates to data.

Industry

Because of the generic name of DS, it is easy to misunderstand what it entails. It does not help that many definitions are quite vague. It reminds me of Barbie (2023) where Ken refers to his job as `beach`. While in the context of the movie it is funny because it seems silly, that is quite similar to what how we treat the word `data`.

- this creates limitations since it creates a gap between the two sides of DS

Academia

DS in academia is slightly different since typically

Next

interdisciplinary (Donoho 2017)

Hello [2]

Hi

Paths to DS?

- Computer Science
- Statistics
- Other?

  Note that this will be a generalisation

To illustrate the different schools of thought, I will use sport as an example. In our scenario imagine that you are responsible for assisting in decision making for an NFL team. We can view this as

[2] List some here?

- Purely analytical: looks at what the numbers say without knowing about the sport [3]
- Purely gut: been involved in the game for a long time and then use your intuition for decisions
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References

Donoho, David. 2017. "50 Years of Data Science." *Journal of Computational and Graphical Statistics* 26 (4): 745–66.

[3]This obviously has limitations, but we will discusss this further down.