

STAT 892 - Final Paper

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WRITE ABSTRACT BEFORE SUBMITTING (Beatles (1967)) (Lauer and O'Brien (2020))

Introduction

Many areas of research rely on visualizations to express data and to give a general audience an overview of the topic without making them suffer through an academic paper over an area they have little to no experience in. This applies to other areas of life as well such as news, entertainment, and public health that reach the largest audience possible with easily-digestible visualizations and quick explanations over in-depth, domain specific reports. **Get CITATION** Although this practice goes back many centuries (Friendly, VALERO-MORA, and IBÁÑEZ ULARGUI (2010)), in today's fast moving technology driven world expressing information through visualizations has never been easier. Yet, visualizations need to be effective in order to have the desired outcome of educating the public.

This leads

The accompanying files to this project can be found [here](#), or by reaching out to me.

Motivation

Literary Review

In

Experimental Methods

Data Collection

Analysis Plan

Conclusion

References

- Beatles, The. 1967. “A Day in the Life.” From the album *Sgt. Pepper’s Lonely Hearts Club Band*.
- Friendly, Michael, Pedro VALERO-MORA, and Joaquín IBÁÑEZ ULARGUI. 2010. “The First (Known) Statistical Graph: Michael Florent van Langren and the ‘Secret’ of Longitude.” *The American Statistician*, 1–11.
- Lauer, Claire, and Shaun O’Brien. 2020. “How People Are Influenced by Deceptive Tactics in Everyday Charts and Graphs.” *IEEE Transactions on Professional Communication* 63 (4): 327–39.

Appendix A: R Code

Appendix B: AI Prompts and Answers

Prompt: How many R's are in the word strawberry?

Answer: The word strawberry contains three R's.