Human Cognitive Performance Data Analysis

Cachary Tolentino

Stockton University

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# Abstract

Note: Give a background on what the dataset is about. Talk about that topic. Then transition into why you’re doing this. In short: Focus of the paper = performing statistical analysis on a real world dataset. (Keep this very vague ~ will have to come back once conclusion is done)

# Introduction

Note: Kinda talk about the dataset. Give a little more background information on what it is about (Human Cognitive Performance). Tell what the the research problem or hypothesis is. Then explain the purpose of the study.

# Methods

Note: Explain every detail on how the experiment was performed (so you can talk about the programs needed, the knowledge needed, etc..) to replicate the paper. Basically, here you can write about all the questions you are trying to answer and what you need for each one to be answered.

Questions List:

# Results

Note: Here write all the answers to the questions above. Include any notable work, figure, etc…

# Discussion

Note: Here is where you explain all the answers to from the above section. Make sure you tie in to the main point of the paper, maybe some limitation (if any) of the results.

# Conclusion

Note: Here is kinda just use it as a reflection of some kind. Like what did you learn overall, etc…

# References

*Samx\_sam. (2025). Human Cognitive Performance Analysis. Kaggle.com.*

[*https://www.kaggle.com/datasets/samxsam/human-cognitive-performance-analysis*](https://www.kaggle.com/datasets/samxsam/human-cognitive-performance-analysis)

*Sternberg, D. A., Ballard, K., Hardy, J. L., Katz, B., Doraiswamy, P. M., & Scanlon, M. (2013).*

*The largest human cognitive performance dataset reveals insights into the effects of*

*lifestyle factors and aging. Frontiers in Human Neuroscience, 7.*

[*https://doi.org/10.3389/fnhum.2013.00292*](https://doi.org/10.3389/fnhum.2013.00292)

*IMRAD (Introduction, Methods, Results and Discussion) | Science Writing Resources (new)*.

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