



## PROJECT

## Test a Perceptual Phenomenon

A part of the Data Analyst Nanodegree Program

## PROJECT REVIEW

## NOTES

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## Meets Specifications

Dear student,

well done addressing the last remaining issue and completing your good work, there is not much I can further add to your submission.

Congratulations on passing your exam!

## Responses to Project Questions

Q1: Question response correctly identifies the independent and dependent variables in the experiment.

Q2a: Null and alternative hypotheses are clearly stated in words and mathematically. Symbols in the mathematical statement are defined.

Well done properly stating null and alternative hypotheses acknowledging they are related to inferring information about the population, thanks for investing your time on that.

Q2b: A statistical test is proposed which will distinguish the proposed hypotheses. Any assumptions made by the statistical test are addressed.

Q3: Descriptive statistics, including at least one measure of centrality and one measure of variability, have been computed for the dataset's groups.

Correct!

Q4: One or two visualizations have been created that show off the data, including comments on what can be observed in the plot or plots.

Q5: A statistical test has been correctly performed and reported, including test statistic, p-value, and test result. The test results are interpreted in terms of the experimental task performed.

Excellent: This is one of the most challenging section of the exam.

Q6: Hypotheses regarding the reasons for the effect observed are presented. An extension or related experiment to the performed Stroop task is provided, that may produce similar effects.

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