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Analyze A/B Test Results

REVIEW

HISTORY

Meets Specifications

Congratulations Student!! 🎉🎉

YOU HAVE SUCCESSFULLY MET ALL THE REQUIREMENTS OF THE RUBRIC. EXCELLENT JOB ON THIS PROJECT! 😊

- With this project, you have learnt many key-concepts in field of data analysis: A/B testing and its methodology, Hypothesis testing, various statistical measures, z-test, logistic regression classifier and much more.... 👍
- Before you proceed to your next lessons, take pride in the effort you've put into this project. Keep up the great work and effort :)

All the best for your upcoming lessons and projects..!!!

Stay Udacious and Happy Learning!! 😊

Code Quality

All code cells can be run without error.

Good Job....!! 👍

- All of the code cells run without any errors.

You have really done a great job in framing various blocks of code via critical thinking (It is visible from the submission).

- I really liked the below section of code where you have used numpy binomial function to generate

I really liked the below section of code where you have used numpy binomial function to generate simulation instead of loops which is really a good practice. 👍

```
new_converted_simulation = np.random.binomial(n_new, p_new, 10000)/n_new
old_converted_simulation = np.random.binomial(n_old, p_old, 10000)/n_old
p_diffs = new_converted_simulation - old_converted_simulation
```

TIPS:

- It is always recommended that you handle your errors by segregating the erroneous block of codes into the singular ones, run them line by line to pinpoint the main issue.
- This is frequently suggested and practised by top-notch coders.
- Jupyter notebook is a very powerful tool to document your codes and comments alongside.
- It helps you to segregate different blocks of code for better error handling along with suitable headings, comments and conclusions in different types of cells. This provides a focused approach and helps to establish a better connection with your audience.

You have truly developed this skill and the submission portrays it clearly...!! Well done 😊

Docstrings, comments, and variable names enable readability of the code.

- I appreciate that you have organized your code and have taken care of markdown cell and code cells as per relevance. This is a good portrayal of a planned and organized submission!! 👍👍
- Comments, doc strings and appropriate variable names are essential for a good coder.
- These not only guide the viewer through the code but also helps in understanding it easily. You have portrayed these skills well... Keep up this good work in future too... 👍

Statistical Analyses

All results from different analyses are correctly interpreted.

Great job in making all the changes as required and asked in the previous review....!! 🌟

- All the results from the different analysis are correctly interpreted.

For all numeric values, you should provide the correct results of the analysis.

Nicely done...!!

Getting the stats calculations for both the simulation and z-test correct is difficult at this stage. Great work....!! 😊

Conclusions should include not only statistical reasoning, but also practical reasoning for the situation.

- The results look good now.. The submission has a practical conclusion and is easily understandable to a person who has less understanding of statistics.

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