# UDACITY

# Predicting Catalog Demand

| REVIEW |
|:---:|
| HISTORY |

## Meets Specifications

Kudos👍! You've done a very good job on this Predicting Catalog Demand Project. It's very clear that you have a good understanding of this topic. Please keep up this fine✋ work.

Happy😊 learning and please do take care of yourself!

Please kindly remember to rate your reviewer. Thank you.

## Business and Data Understanding

| The section is written clearly and is concise. The section is written in less than 500 words. |
|---|
| Very good business and data understanding. |

| All following questions have been answered: |
|---|
| • **What decisions need to be made?**<br>• **What data is needed to inform those decisions?** |

## Analysis, Modeling, and Validation

The section is written clearly and is concise. The section is written in less than 500 words.

Each predictor variable is shown to have a linear relationship between the target variable whenever appropriate.

Each predictor variable should be significant (p-value <= 0.05)

Good job: When the correlation between the numerical (continuous) predictor variables and the target variable is above 0.7 then it is a good predictor variable which is shown by the linearity on the scatter plot. For the categorical predictor variables if the p-values < 0.05 then they are good predictor variables.

p-values and R-squared values are used to justify how well the linear model works.

Good job! When the linear regression value is above 0.7 then it is a very good model and the higher the linear regression value the better it explains/ fits our model.

The regression equation given is correct. Each coefficient should have up to 2 digits after the decimal figures (ex: 1.28).

Great job on the equation.

## Presentation/Visualization

The section is written clearly and is concise. The section is written in less than 500 words.

All questions have been answered and the recommendations are well justified.

- What is your recommendation?
- How did you come up with your recommendation?
- What is the expected profit from the new catalog (assuming the catalog is sent to these 250 customers)?

Good job on the recommendation

**The profit calculation is correct.**

Excellent profit value

⬇ **DOWNLOAD PROJECT**

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