



Learn how to change things

Module 1: Project Review - Giovanni Rosati

Color Map

Things that went well
Instructor notes
Things to reflect on

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For this project, your Jupyter Notebook should meet the following specifications:

Organization/Code Cleanliness

- ❑ The notebook should be well organized, easy to follow, and code should be commented where appropriate.
 - ❑ Level Up: The notebook contains well-formatted, professional looking markdown cells explaining any substantial code. All functions have docstrings that act as professional-quality documentation.
 - ❑ Jupyter Notebook was very easy to follow along with. You will more than likely be using markdown in your reports at your job, I would recommend starting to use markdown now instead of big comment fields
 - ❑ The notebook is written for a technical audiences with a way to both understand your approach and reproduce your results. The target audience for this deliverable is other data scientists looking to validate your findings.
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Technical Report Must-Haves

For this project, your Jupyter Notebook should meet the following specifications:

Visualizations & EDA

- ☐ Your project contains at least 4 meaningful_ data visualizations, with corresponding interpretations. All visualizations are well labeled with axes labels, a title, and a legend (when appropriate)
- ☐ Scatter plots
- ☐ Box plots
- ☐ Histograms
- ☐ Correlation Matrix

The plots you included all looked great and were appropriate. The plot showing the PDF of a random normal distribution versus your logged price - really stood out (was an excellent idea). Also making the box plots showing how all your features impact the price was an excellent visualization.

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Technical Report Must-Haves

For this project, your Jupyter Notebook should meet the following specifications:

Visualizations & EDA

- ❑ You pose at least 3 meaningful questions and answer them through EDA. These questions should be well labeled and easy to identify inside the notebook.
- ❑ Level Up: Each question is clearly answered with a visualization that makes the answer easy to understand.

You had a bunch of great questions. Thank you for including answers. It is easy to have a question, make a graph, and then assume the reader got the answer. Taking the time to write your answer was a good touch.

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Technical Report Must-Haves

For this project, your Jupyter Notebook should meet the following specifications:

Model Quality/Approach

- ❑ Your notebook shows an iterative approach to modeling, and details the parameters and results of the model at each iteration.
 - ❑ Level Up: Whenever necessary, you briefly explain the changes made from one iteration to the next, and why you made these choices.
 - ❑ I really liked that you showed us the process you took for your models. Data Science is all coming up with creative ideas and then tested out the impact they have. This is an excellent approach to have!
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Non-Technical Presentation Must-Haves

- ❑ The second deliverable should be a Keynote, PowerPoint or Google Slides presentation delivered as a pdf file in your fork of this repository with the file name of `presentation.pdf` detailing the results of your project. Your target audience is non-technical people interested in using your findings to maximize their profit when selling their home.

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Non-Technical Presentation Must-Haves

Your presentation should

- ❑ Contain between 5 - 10 professional-quality slides.
 - ❑ Level Up: The slides should use visualizations whenever possible, and avoid walls of text.
 - ❑ Less text per slide, which is important to get and keep business stakeholder's attention.
 - ❑ Use of clear image and graph to convey thoughts
 - ❑ Slide design is clean
- ❑ Take no more than 5 minutes to present
- ❑ Great starting point!:)
- ❑ Avoided technical jargon and explained the results in a clear, actionable way for non-technical audiences.

Presentation was great! Did a really good job explaining the how to look at the heatmap and explaining IQR in the box plot.

Blog post was good as well. Recommendation, the heat map is very hard to read. I would recommend making the plot larger or not including it.
