Requirements

color-key

	Things that went well					
	My notes					
	Post presentation questions					
	Things to reflect on					
For next time	For next time					
Look into collinearity between rooms and sqft_living						
☐ Add some graphs to show how the data is correlate						
☐ Remove OSEMiN slide						
☐ Iterative process to modeling						
☐ Add questions to notebook (bigger markdown)						
☐ Investigate zipcode and age using modelin						
☐ Look into bathrooms (pvalue is very (★)						
☐ Explain 3 variables						
☐ Look into lat,						
·						
This section outlines the rubric we'll use to evaluate your project.						
☐ What did you learn the most?						
☐ If given more time, what would you explore further?						
☐ Things to think about						
Technical Report Must	-Haves					
For this project, your Ju	pyter Notebook should meet the following sp	ecifications:				
Organization/Code Cleanliness						
☐ The notebook should b	e well organized, easy to follow, and code s	hould be				
commented where appr						
	: The notebook contains well-formatted, prof n cells explaining any substantial code. All					
	in cells explaining any substantial code. All ligs that act as professional-quality documenta					

The metabook is written for a taskning audiences with a way to both understand your		
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.		
□ Feedback		
☐ Very clean		
☐ Very organized		
Really love your markdown cells and images		
Could use a bit more markdown headings, but nothing too serious		
Visualizations & EDA		
Vous project contains at least 4, magningful, data visualizations, with corresponding		
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)		
☐ Histograms over all dataframe variables		
Looked at range and distribution of features		
☐ Found which variables were continuous and categorical		
☐ Looked at normality		
☐ df.describe()		
☐ Looked at the 5 point statistics across all features		
Looked at median and mean		
Correlation heatmap		
Used to find correlation and remove collinearity		
Also, used this to find what was correlated with price		
☐ Great job!		
Scatterplot of features vs price		
Living area		
□ Sqft_above		
Grade		
All positively correlated		
☐ You pose at least 3 meaningful questions and aswer them through EDA. These		
questions should be well labled and easy to identify inside the notebook.		
Level Up: Each question is clearly answered with a visualization that makes the		
answer easy to understand.		
· · · · · · · · · · · · · · · · · · ·		
☐ Feedback		
Do people consider zipcodes?		
No, they do not		

	Need to check this using modeling
	Based on the initial conditions what you can purchase in King County
	☐ Age of house affect price?
	□ No
	■ Need to check this using modeling
	Your notebook should contain 1 - 2 paragraphs briefly explaining your approach to this
_	project through the OSEMN framework.
	Model Quality/Approach
	Your model should not include any predictors with p-values greater than .05.
	□ Bathrooms has high pvalue
	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.
	☐ Feedback
	You iterated through this, but didn't catch some pvalues
	I think it's also worth experimenting with more variables
	You provide at least 1 paragraph explaining your final model.
	You pick at least 3 coefficients from your final model and explain their impact on the
	price of a house in this dataset.
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.
	coming them herne.
	Your presentation should:
_	Freedom Freedom Control Contro
	Contain between 5 - 10 professional-quality slides.
_	☐ Level Up: The slides should use visualizations whenever possible, and avoid
	walls of text.
	Take no more than 5 minutes to present

Avoid technical jargon and explain the results in a clear, actionable way for				
non-technical audiences.				
Feedback				
Love	the design! Love the color and the simplicity, no slide is too wordy! :)			
OSE	MiN slides not necessary in non technical			
<u></u>	Very technical language around this slide			
☐ Findings slide is very good.				
<u> </u>	Discussed bedrooms vs bathrooms			
<u> </u>	Sqft living is high predictor			
Ç	Condition of house/ low required maintenance affects price			
Ç	Number of rooms effects price			
Is the	ere a way to present some of this data and what you found specifically			
<mark>rega</mark> i	rding these features?			
Your presentation should contain at least 2 concrete recommendations for how to				
improve the selling price of a home.				
1. Mak	e <mark>sure all components are functional</mark>			
2. Love	e that your recommendations were split between old/new homes			
3. If you	u can add more rooms do so. Add more space if possible.			
4. Use	high quality materials.			