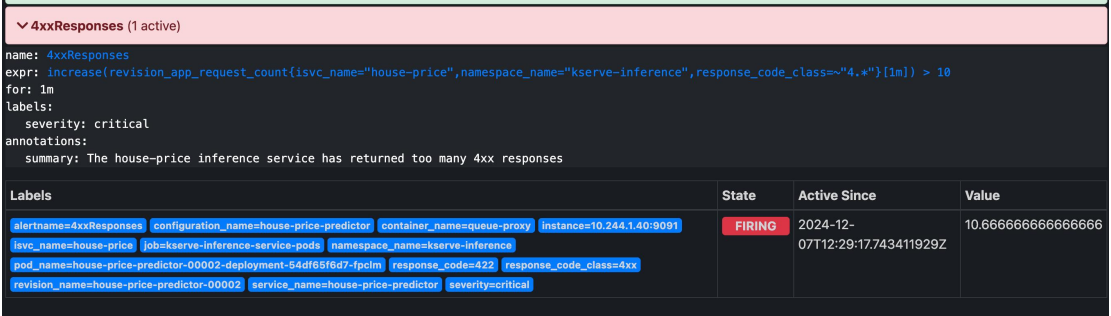


# screenshot for assignment 1



# screenshot for assignment 3

\*\*The dashboard showing the MAE changes in 2017\*\*



\*\*The Evidently Report for quarter 3 of 2017\*\*

1)"Regression Model Performance

Regression Model Performance. Target: 'price'

Current: Model Quality (+/- std)		
-49464.42 (75461.83)	59293.34 (68001.94)	7.68 (0.06)
ME	MAE	MAPE

Reference: Model Quality (+/- std)		
-1822.52 (62002.67)	28240.15 (55225.53)	4.34 (0.06)
ME	MAE	MAPE

Predicted vs Actual

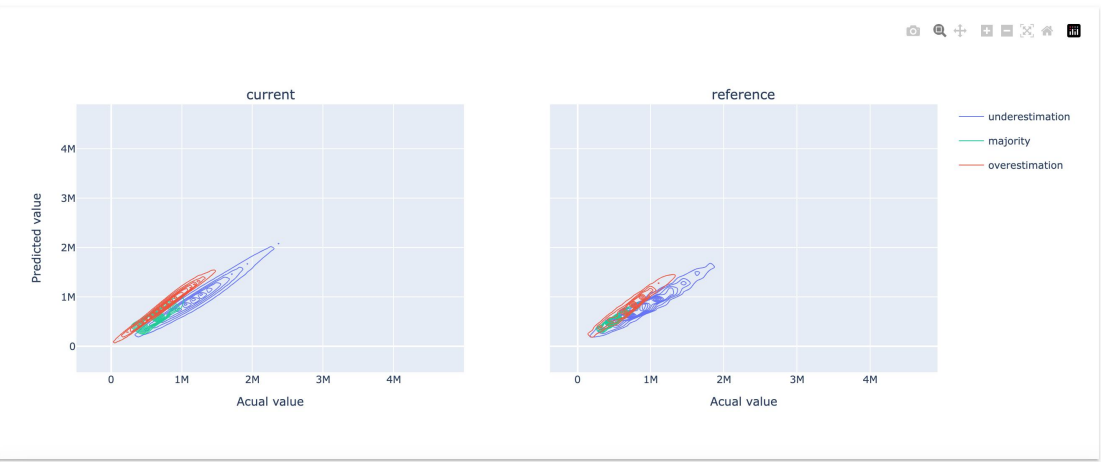
2) "Error Bias Table" + "Predicted vs Actual per Group"

Error Bias Table

Current: Mean Error per Group (+/- std)		
-44368.59 (34908.28)	-274842.92 (137005.75)	84781.68 (61669.55)
Majority(90%)	Underestimation(5%)	Overestimation(5%)

Reference: Mean Error per Group (+/- std)		
-796.79 (21651.19)	-139166.22 (154788.08)	117190.77 (105994.66)
Majority(90%)	Underestimation(5%)	Overestimation(5%)

Predicted vs Actual per Group



3) "Data Drift Summary"

Data Drift Summary

Drift is detected for 52.941% of columns (9 out of 17).

<div><div></div><div>Search</div><div></div></div>						
Column	Type	Reference Distribution	Current Distribution	Data Drift	Stat Test	Drift Score
> price	num			Detected	Wasserstein distance (normed)	0.562961
> prediction	num			Detected	Wasserstein distance (normed)	0.37914
> sqft_living	num			Detected	Wasserstein distance (normed)	0.283973
> grade	num			Detected	Wasserstein distance (normed)	0.276324
> sqft_living15	num			Detected	Wasserstein distance (normed)	0.24531
> bathrooms	num			Detected	Wasserstein distance (normed)	0.187226
> sqft_lot	num			Detected	Wasserstein distance (normed)	0.128324
> distance	num			Detected	Wasserstein distance (normed)	0.114178
> sqft_lot15	num			Detected	Wasserstein distance (normed)	0.103672
> yr_built	num			Not Detected	Wasserstein distance (normed)	0.070362