

Visualizations











Models	Metrics			Tags
	mae	r2	rmse	Training Info
 Ridge_Regr.../11	1127441.5...	0.5464817...	1514047.5...	Dataset 2
 LGB_Model/12	1149333.2...	0.5491045...	1509663.1...	Dataset 2
 Random For.../11	1160912.9...	0.4772450...	1625515.8...	Dataset 2
 Dabl simpl.../15	1123723.2...	0.5512364...	1506089.9...	Dataset 2
 Linear Reg.../11	1127483.3...	0.5464062...	1514173.5...	Dataset 2
 Ridge_Regr.../10	969600.58...	0.6528547...	1324639.5...	Dataset 1
 LGB_Model/11	1022791.0...	0.6188732...	1387959.6...	Dataset 1
 Random For.../10	999124.04...	0.6319306...	1363976.6...	Dataset 1
 Dabl simpl.../14	948929.24...	0.6502095...	1329676.8...	Dataset 1
 Linear Reg.../10	970043.40...	0.6529242...	1324506.9...	Dataset 1

Figure 1: MLFlow Housing Prices Prediction Metrics

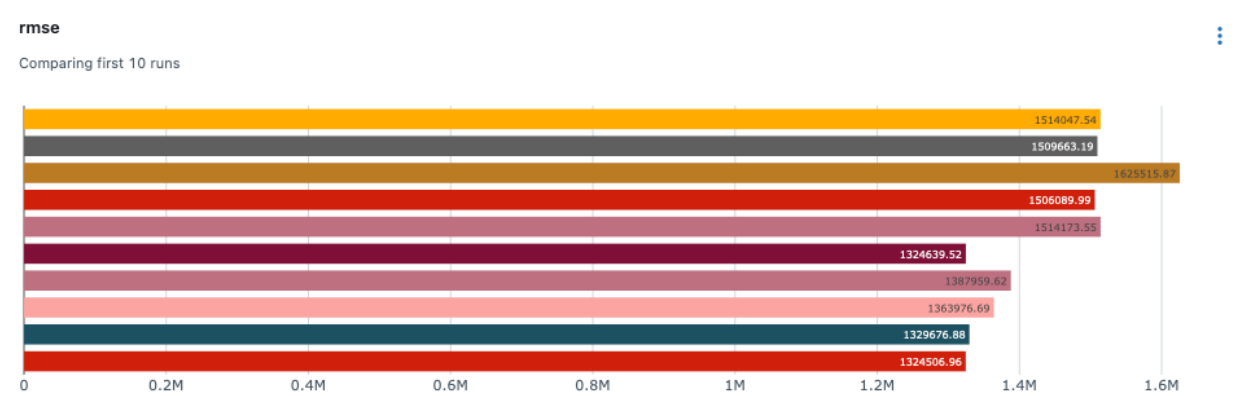


Figure 2: MLFlow Housing Prices Prediction Graphical Results (RMSE)

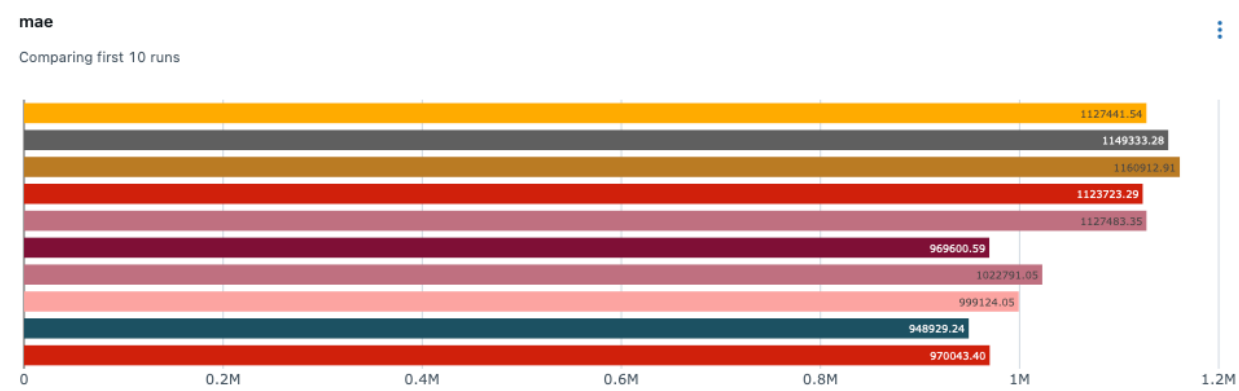


Figure 3: MLFlow Housing Prices Prediction Graphical Results (MAE)

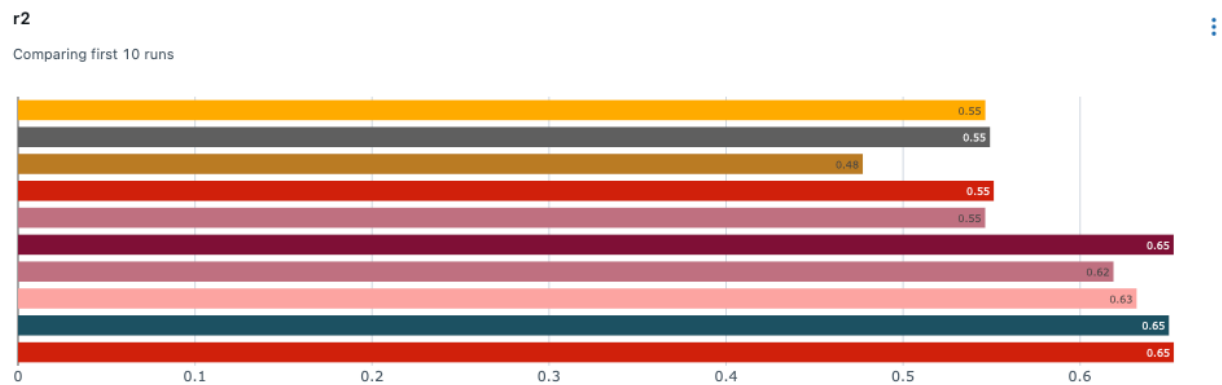


Figure 4: MLFlow Housing Prices Prediction Graphical Results (R²)

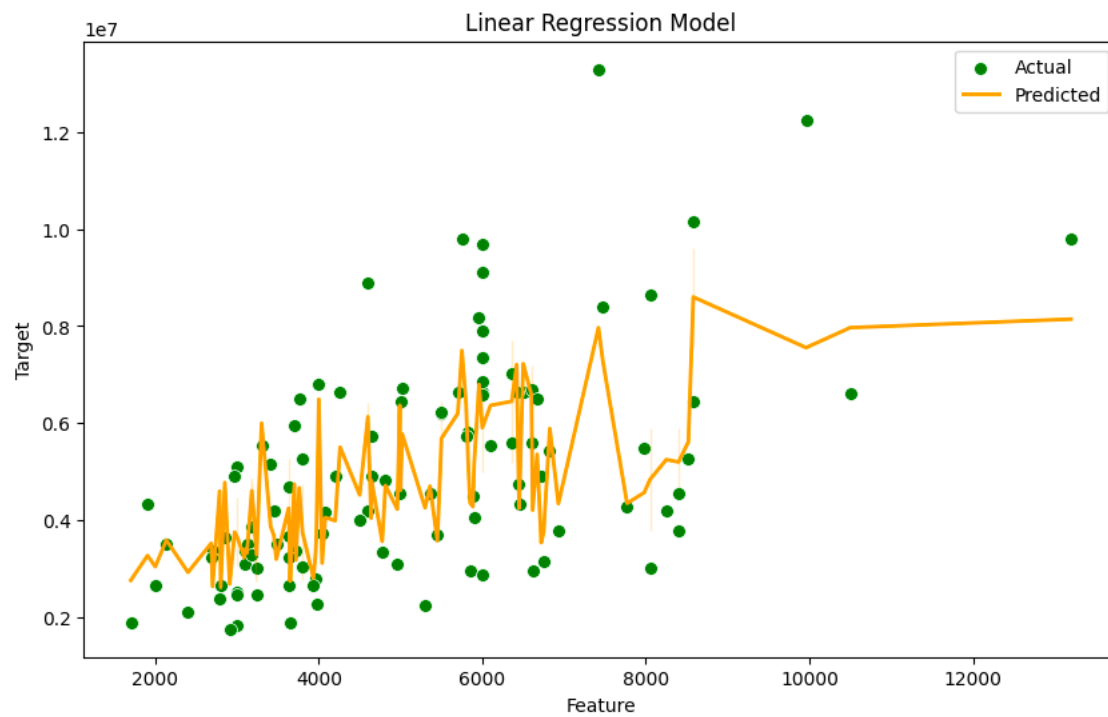
Dataset 1				
Model	RMSE	MAE	R ²	
Linear Regression	1.324507e+06	9.700434e+05	0.652924	
Dabl Simple Regressor	1.329677e+06	9.489292e+05	0.650210	
Random Forest	1.363977e+06	9.991240e+05	0.631931	
LightGBM	1.387960e+06	1.022791e+06	0.618873	
Ridge Regression	1.324640e+06	9.696006e+05	0.652855	

Dataset 2				
Model	RMSE	MAE	R ²	
Linear Regression	1.324507e+06	9.700434e+05	0.652924	
Dabl Simple Regressor	1.329677e+06	9.489292e+05	0.650210	
Random Forest	1.363977e+06	9.991240e+05	0.631931	
LightGBM	1.387960e+06	1.022791e+06	0.618873	
Ridge Regression	1.324640e+06	9.696006e+05	0.652855	

Figure 5: Dataset Metrics Comparison

Data Processing 1

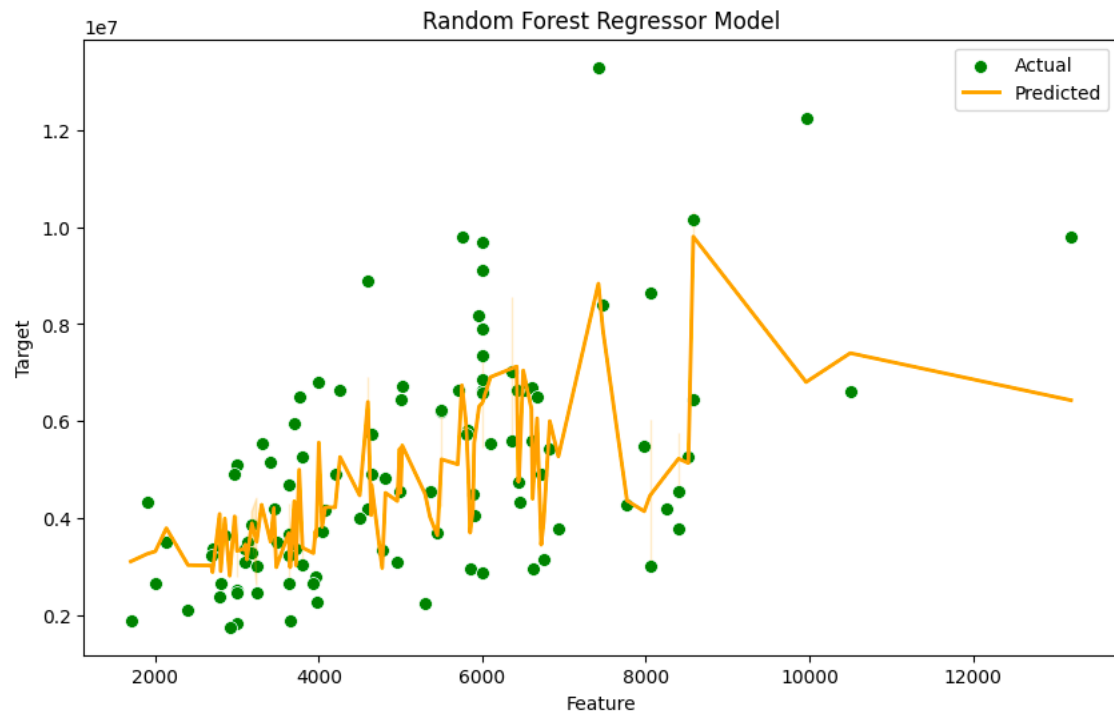
Linear Regression Model



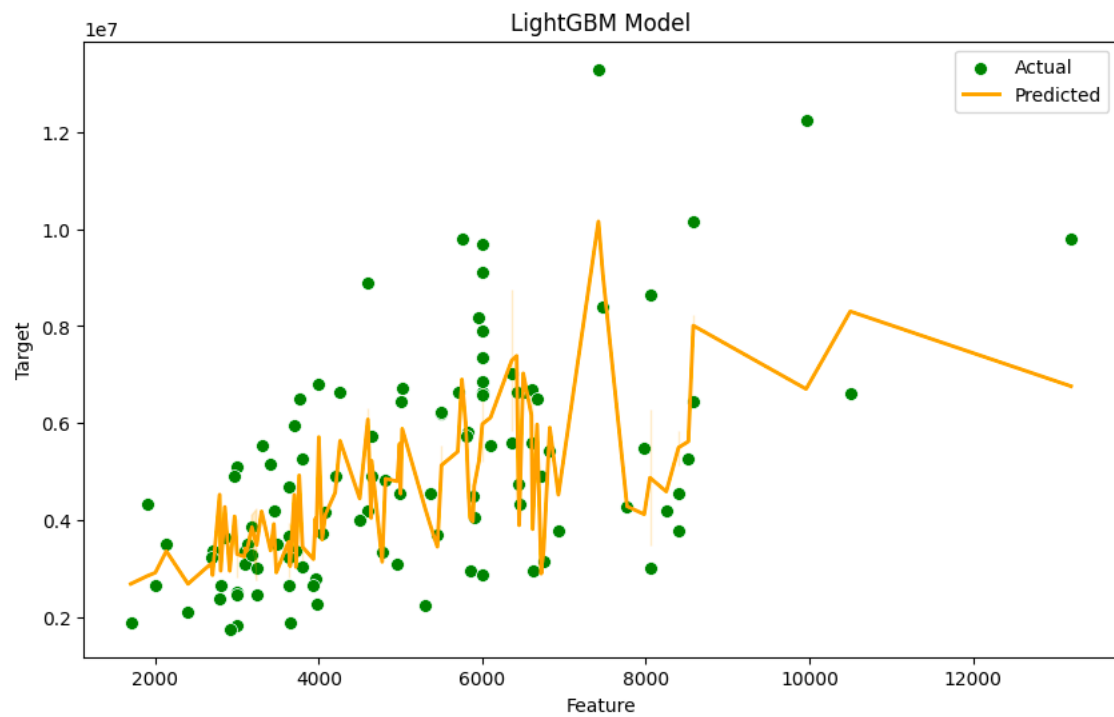
Dabl Simple Regressor



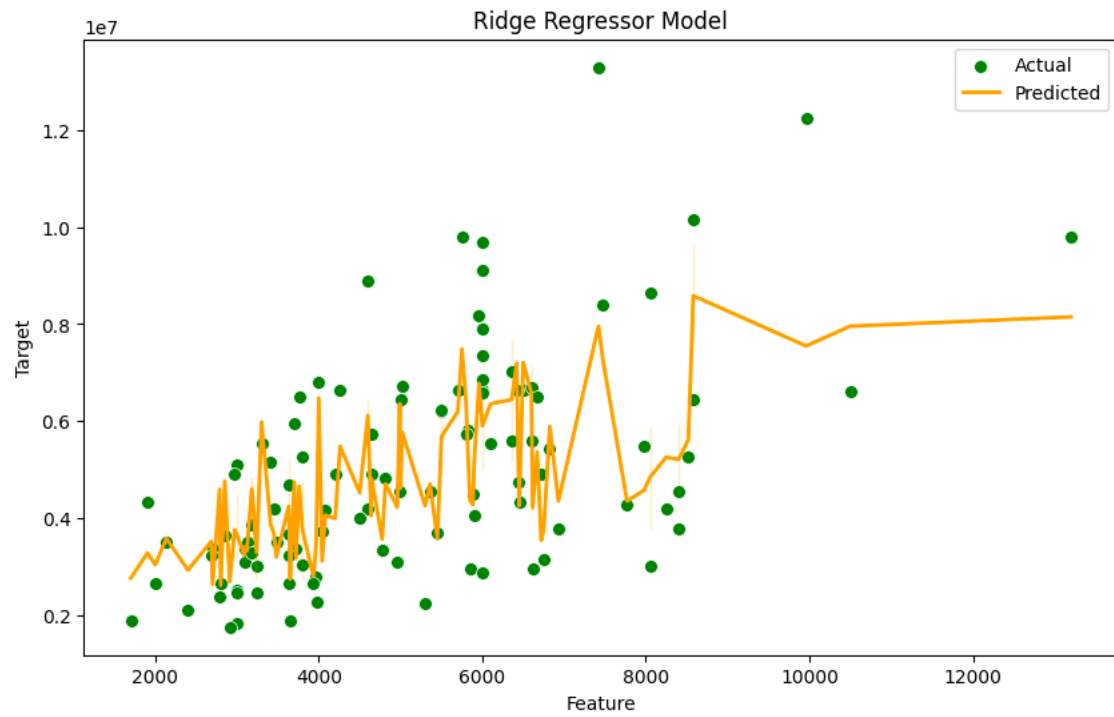
Random Forest Regressor



LightGBM Model

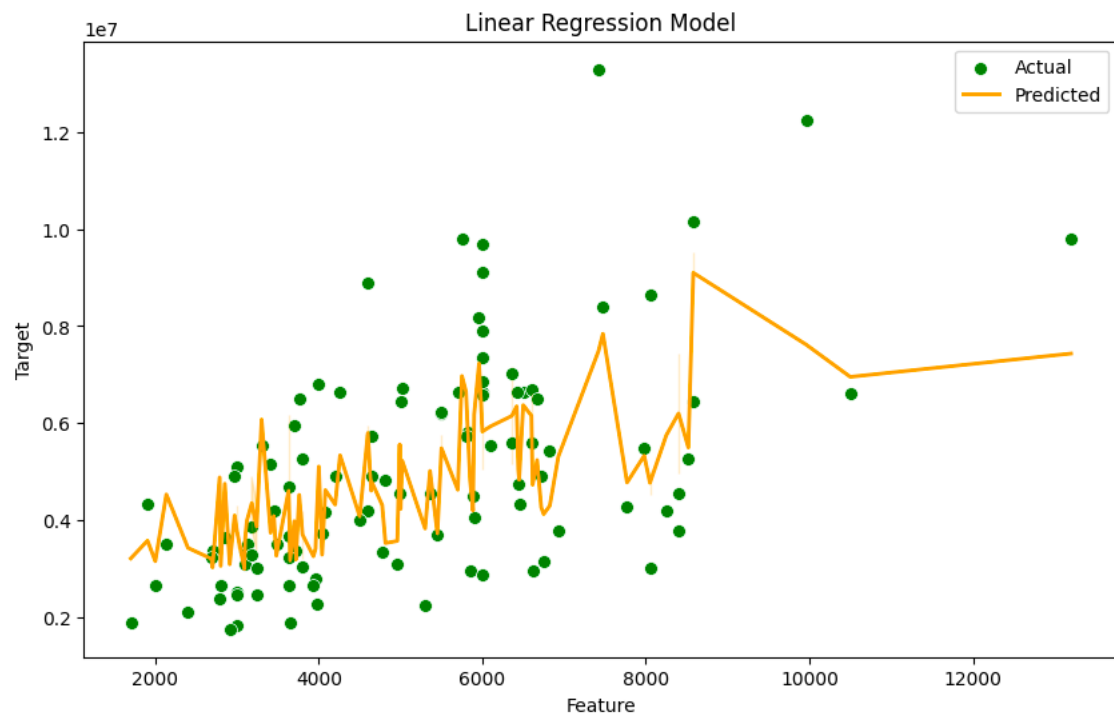


Ridge Regressor Model

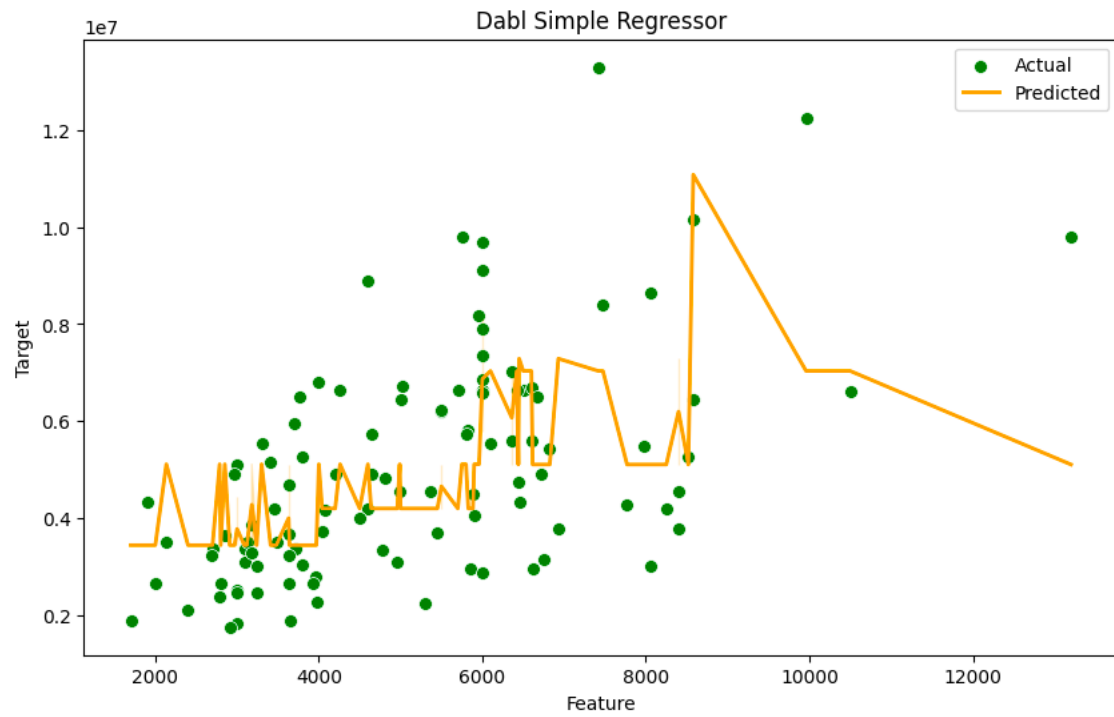


Data Processing 2

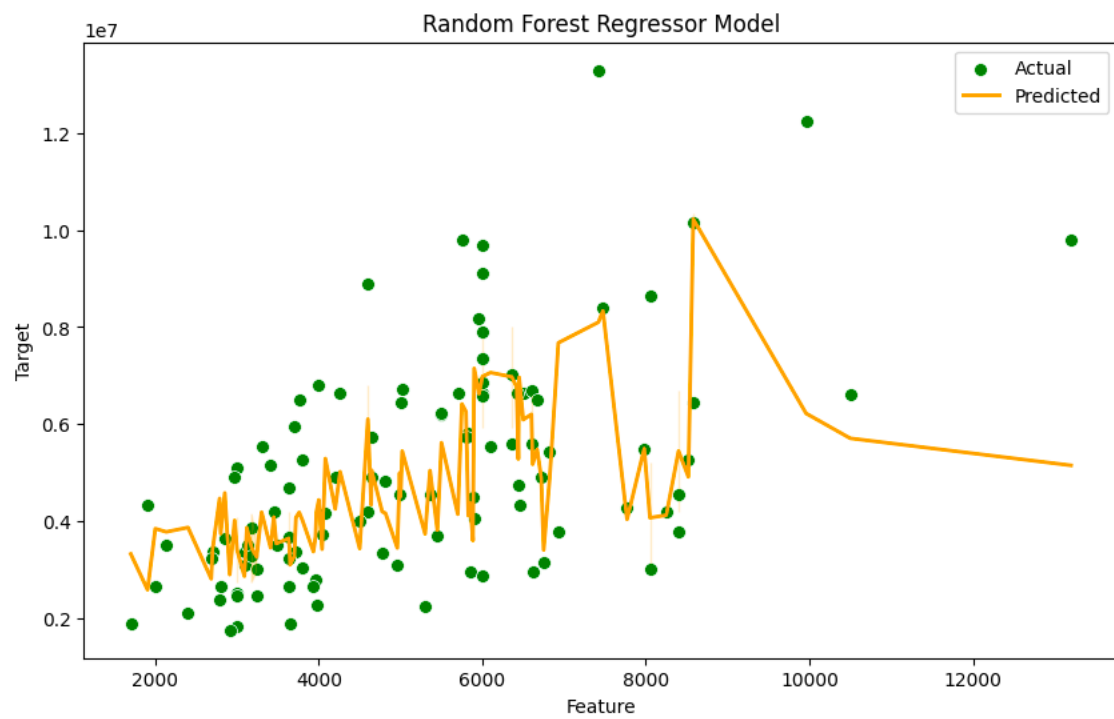
Linear Regression Model



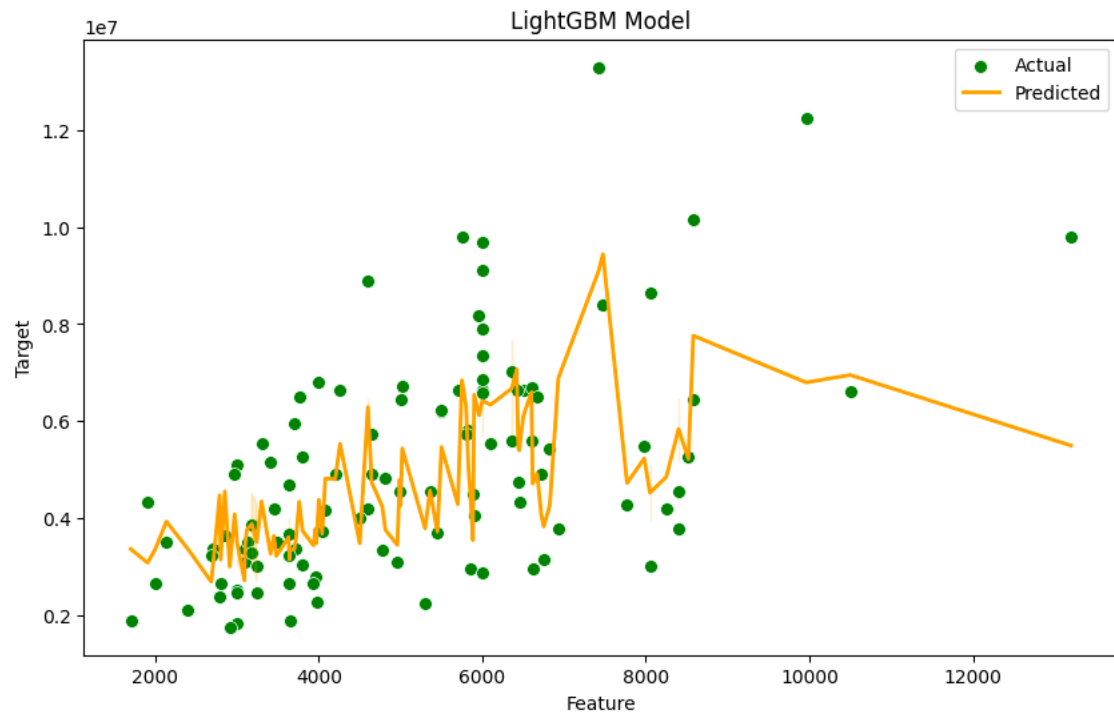
Dabl Simple Regressor



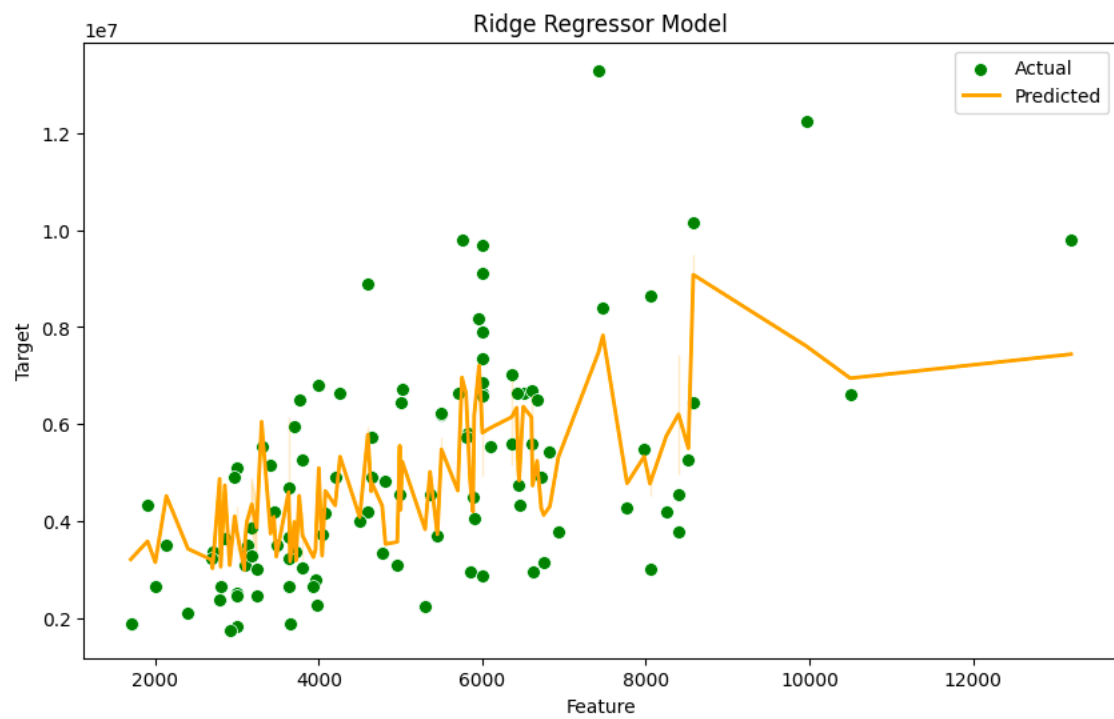
Random Forest Regressor



LightGBM Model



Ridge Regressor Model



MLFlow Model Registry

mlflow 2.10.0 Experiments Models

Registered Models

Filter registered models by name or tags ⓘ 🔍


Name ↕	Latest version
Dabl simple regressor	Version 15
LGB_Model	Version 12
Linear Regression Model	Version 11
Random Forest Model	Version 11
Ridge_Regression_Model	Version 11

Docker

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 **aferrell/predict**

Description
Machine Learning code for predicting housing prices ✎
🕒 Last pushed: about 1 hour ago

Docker commands
To push a new tag to this repository:
`docker push aferrell/predict:tagname`

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Tags
This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	44 minutes ago	an hour ago

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