Navigation

Select an option

Prediction

The Required Information

store_nbr

5

family

GROCERY I

Start Date

2017/08/16

End Date

2017/08/31

How many products are on promotion?

0

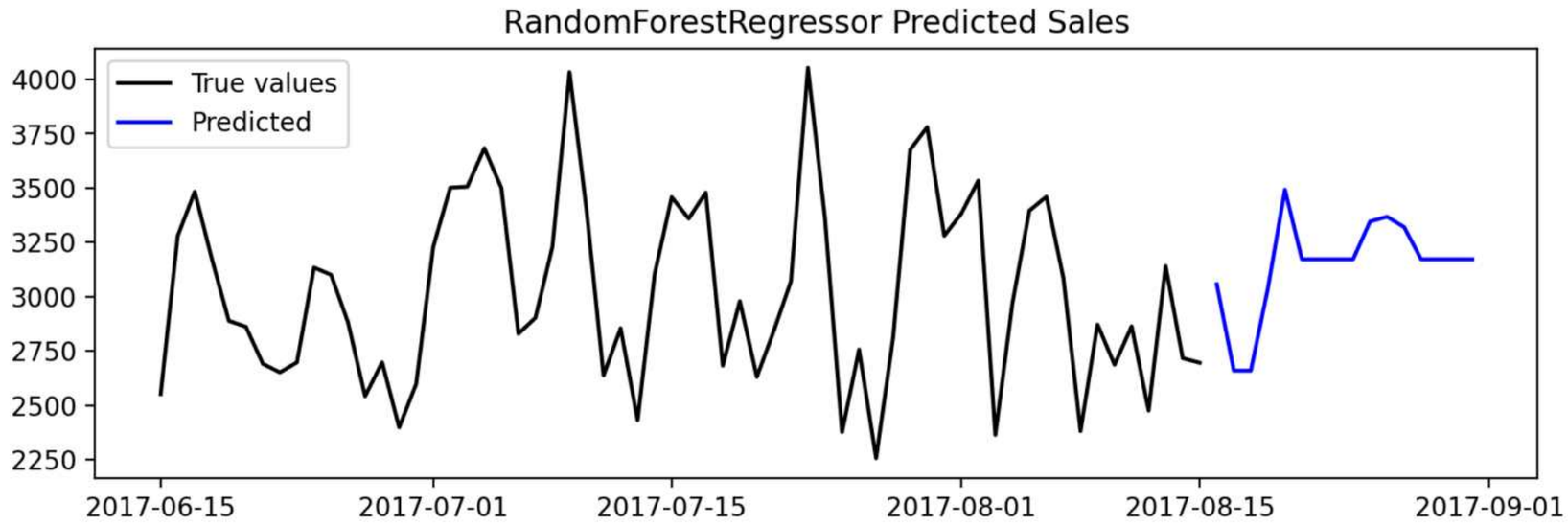
[kaggle] Store Sales Time Series Forecasting

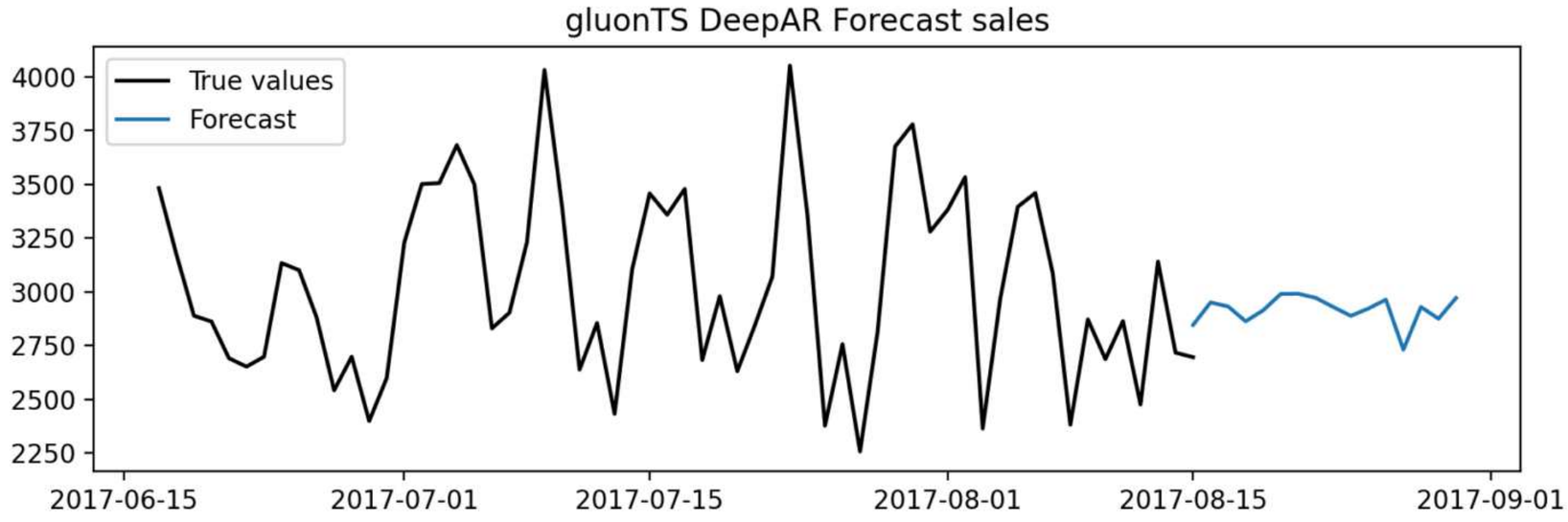
Predict

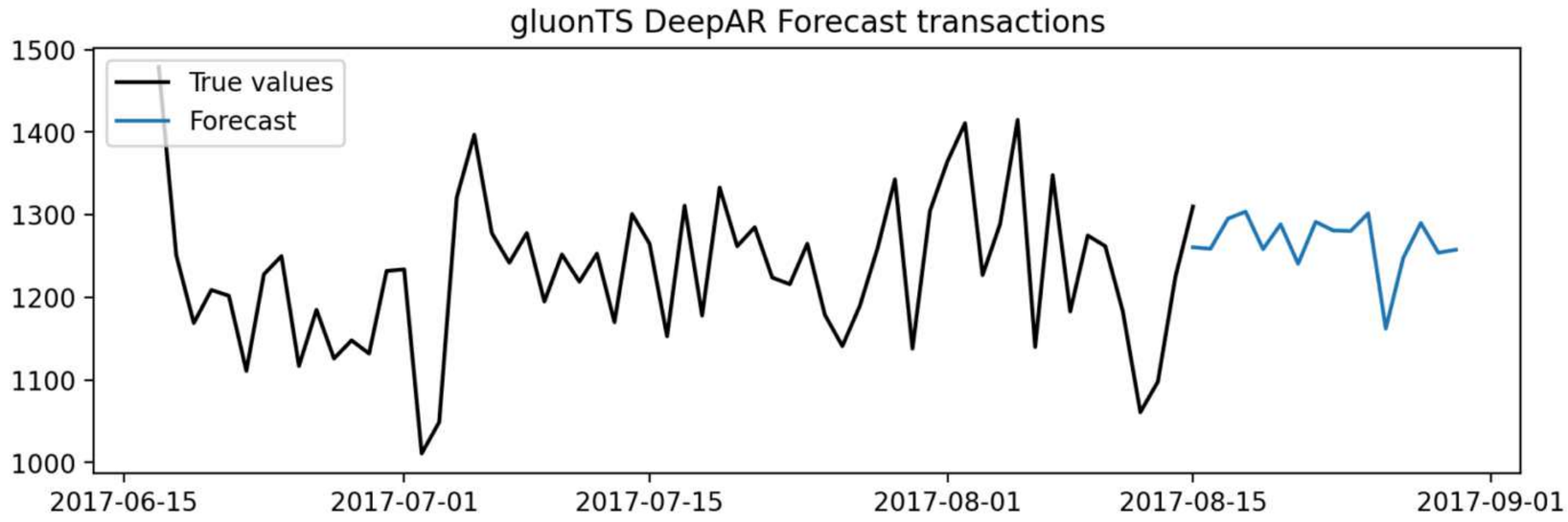
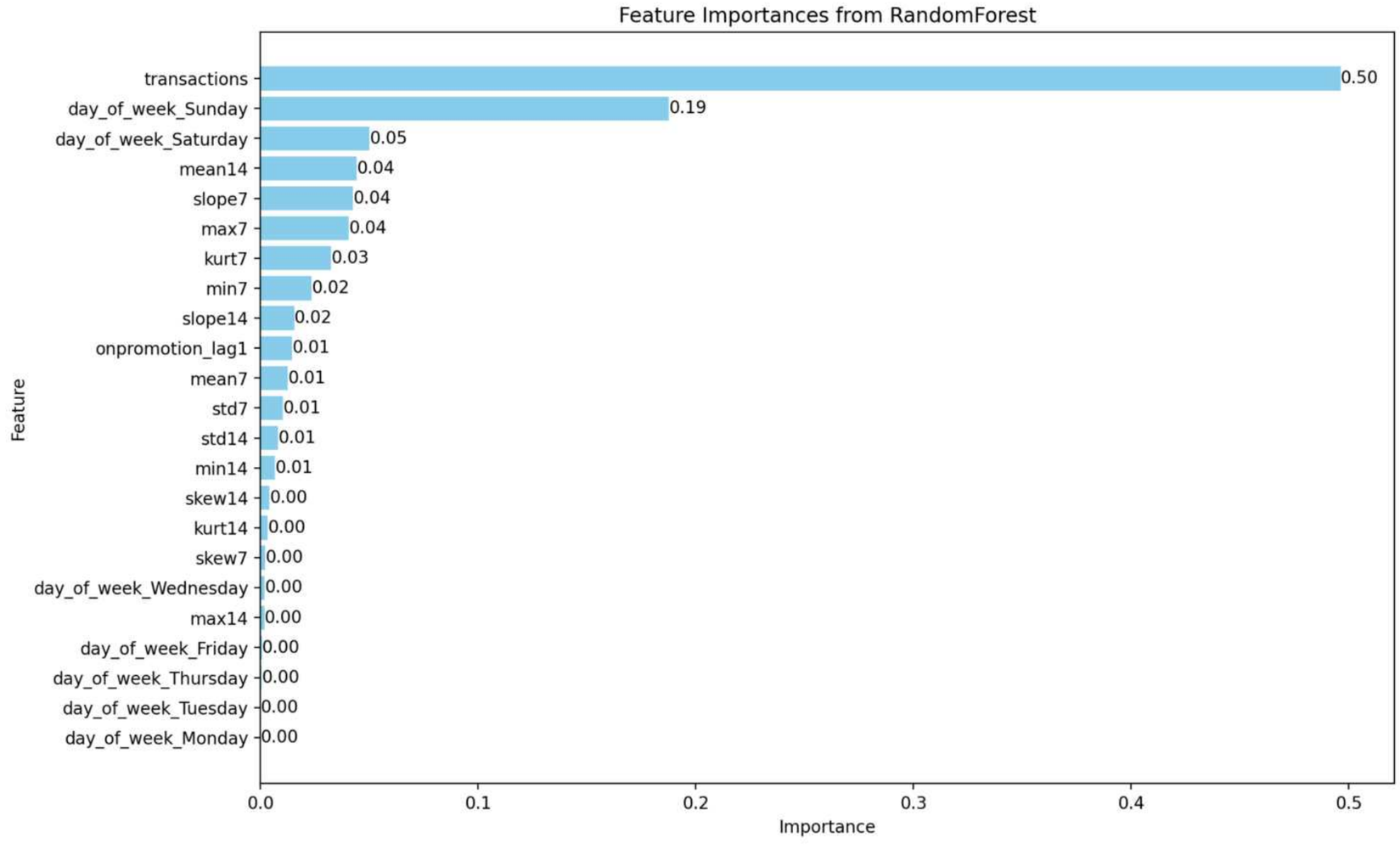
Predicted Sales

The predicted sales is # 0 3056.91 1 2660.00 2 2660.00 3 3038.00 4 3492.00 5 3172.00 6 3172.00 7 3172.00 8 3172.00 9 3346.00 10 3367.86 11 3320.00 12 3172.00 13 3172.00 14 3172.00 15 3172.00 Name: predicted_sales, dtype: float64

	date	store_nbr	family	sales	transactions	onpromotion	slope7	std7	mean7	skew7	kurt7	min7	ma
6	2017-08-22 00:00:00	5	GROCERY I	2,991.1907	1,240.6844	24	17.7353	57.0596	2,926.7163	-0.3152	-1.3096	2,845.9346	2,9
7	2017-08-23 00:00:00	5	GROCERY I	2,972.1057	1,291.4915	38	11.0582	46.1793	2,944.7408	-0.8605	0.2519	2,862.9731	2,9
8	2017-08-24 00:00:00	5	GROCERY I	2,929.4016	1,281.0381	50	10.281	46.4188	2,941.6832	-0.5791	-0.2366	2,862.9731	2,9
9	2017-08-25 00:00:00	5	GROCERY I	2,888.3196	1,280.4691	49	3.167	50.677	2,935.4563	-0.1967	-1.6399	2,862.9731	2,9
10	2017-08-26 00:00:00	5	GROCERY I	2,922.3313	1,301.8224	55	-8.594	40.464	2,943.9361	0.0516	-1.7798	2,888.3196	2,9
11	2017-08-27 00:00:00	5	GROCERY I	2,963.9026	1,162.1818	55	-10.7214	38.678	2,951.0551	-0.5846	-0.9081	2,888.3196	2,9
12	2017-08-28 00:00:00	5	GROCERY I	2,730.8787	1,247.9552	59	-28.729	87.8678	2,914.0186	-1.8489	3.826	2,730.8787	2,9
13	2017-08-29 00:00:00	5	GROCERY I	2,929.8977	1,290.0657	46	-16.0031	81.7357	2,905.2625	-2.0398	4.6106	2,730.8787	2,97
14	2017-08-30 00:00:00	5	GROCERY I	2,874.9885	1,254.1379	83	-9.6977	76.5784	2,891.3886	-1.8792	4.054	2,730.8787	2,96
15	2017-08-31 00:00:00	5	GROCERY I	2,971.4351	1,257.7179	71	4.3091	81.543	2,897.3933	-1.6693	3.257	2,730.8787	2,97


RandomForestRegressor Predicted Sales
True values
Predicted
4000
3750
3500
3250
3000
2750
2500
2250
2017-06-15
2017-07-01
2017-07-15
2017-08-01
2017-08-15
2017-09-01


gluonTS DeepAR Forecast sales
True values
Forecast
4000
3750
3500
3250
3000
2750
2500
2250
2017-06-15
2017-07-01
2017-07-15
2017-08-01
2017-08-15
2017-09-01



Feature Importances