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About

This App is an end-to-end product
that enables the Rosemann
pharmaceutical company to view
predictions on sales across their
stores and 6 weeks ahead of time and
the trends expected.

`st.cache` is deprecated. Please use one of Streamlit's new caching commands, `st.cache_data` or
`st.cache_resource`. Based on this function's return value of type `bool`, we recommend using
`st.cache_data`.

More information in our docs.

Prediction on test data

Sample test data input

	Store	DayOfWeek	Date	Sales	Customers	Open	Promo	StateHoliday	SchoolHoliday
0	1	5	2015-07-31	5,263	555	1	1	0	1
1	1	4	2015-07-30	5,020	546	1	1	0	1
2	1	3	2015-07-29	4,782	523	1	1	0	1
3	1	2	2015-07-28	5,011	560	1	1	0	1
4	1	1	2015-07-27	6,102	612	1	1	0	1
5	1	7	2015-07-26	0	0	0	0	0	0
6	1	6	2015-07-25	4,364	500	1	0	0	0
7	1	5	2015-07-24	3,706	459	1	0	0	0
8	1	4	2015-07-23	3,769	503	1	0	0	0
9	1	3	2015-07-22	3,464	463	1	0	0	0

Sample prediction output

	Pred_sales
0	5,686.8398
1	5,762.2593
2	5,797.6265
3	6,189.6763
4	4,819.5791
5	5,808.7949
6	5,686.8398
7	5,762.2593
8	5,797.6265
9	6,189.6763

Feature Importance

Feature importance based on SHAP values

Feature importance based on SHAP values (Bar)