



Josias Ounsinli DJOSSOU <josias.ouns.djossou@gmail.com>

Re: [Josias-Ounsinli/Pharmaceutical-Sales-Prediction] Update exploration_cml.yaml (4e61bd6)

1 message

github-actions[bot] <notifications@github.com>

Wed, Sep 7, 2022 at 5:09 PM

Reply-To: Josias-Ounsinli/Pharmaceutical-Sales-Prediction

<reply+A2IA3TQ74A6JS43BQWHXVI6BEX2MREVBMPHAJ54G5U@reply.github.com>

To: Josias-Ounsinli/Pharmaceutical-Sales-Prediction <Pharmaceutical-Sales-Prediction@noreply.github.com>

Cc: Subscribed <subscribed@noreply.github.com>

Exploration report

Some correlation

Correlation coefficient between Sales and Customers: 0.89

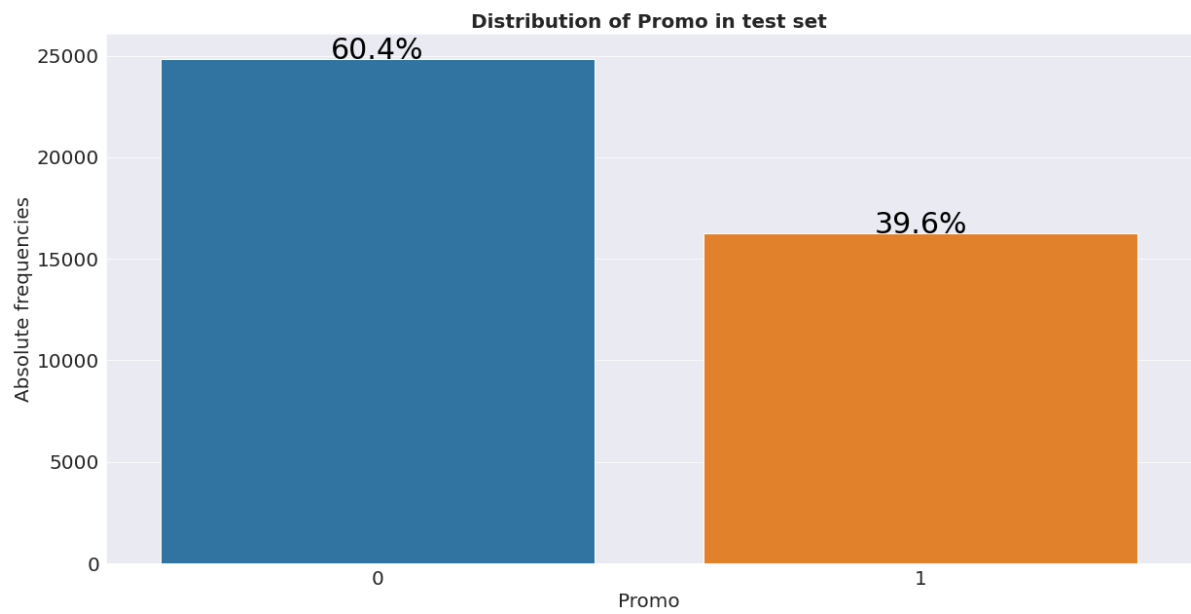
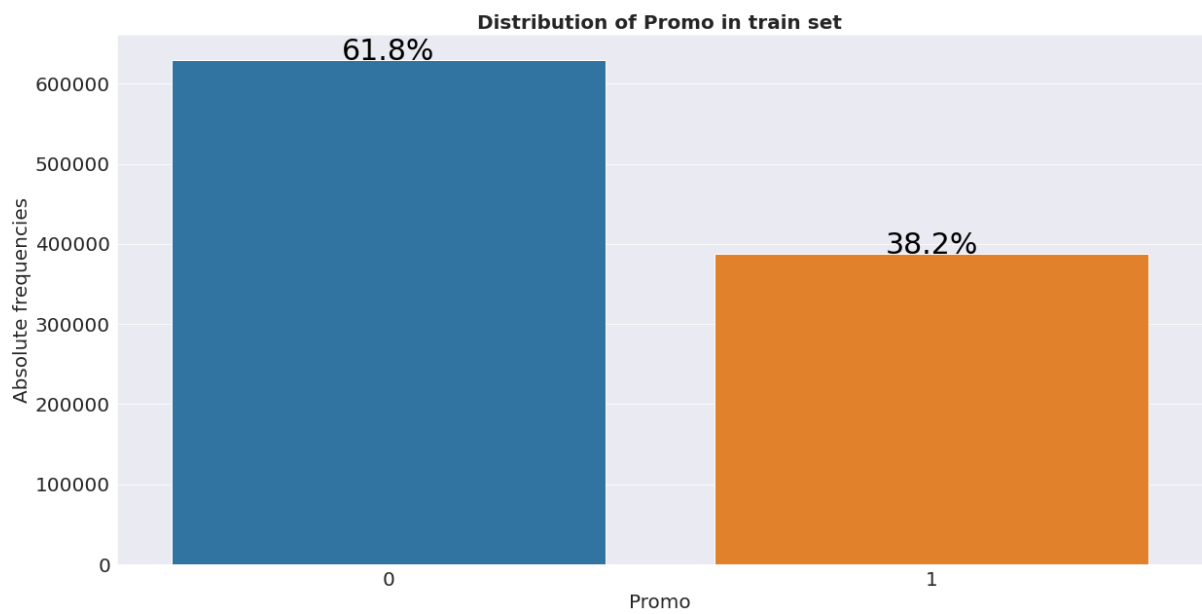
Correlation coefficient between Sales and CompetitionDistance: -0.02

Correlation coefficient between Sales and CompetitionOpenSinceMonth: -0.02

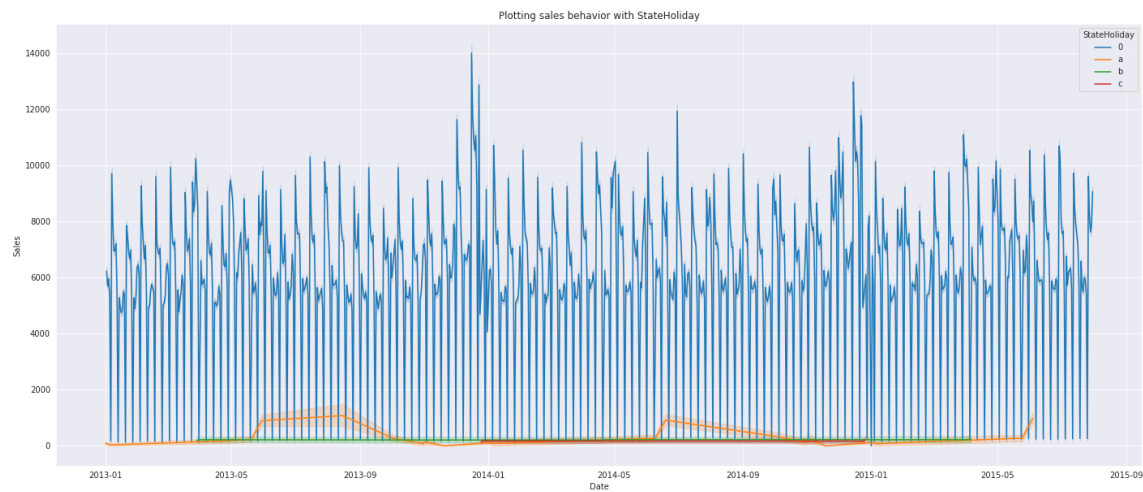
Correlation coefficient between Sales and CompetitionOpenSinceMonth: 0.01

Data Visualization

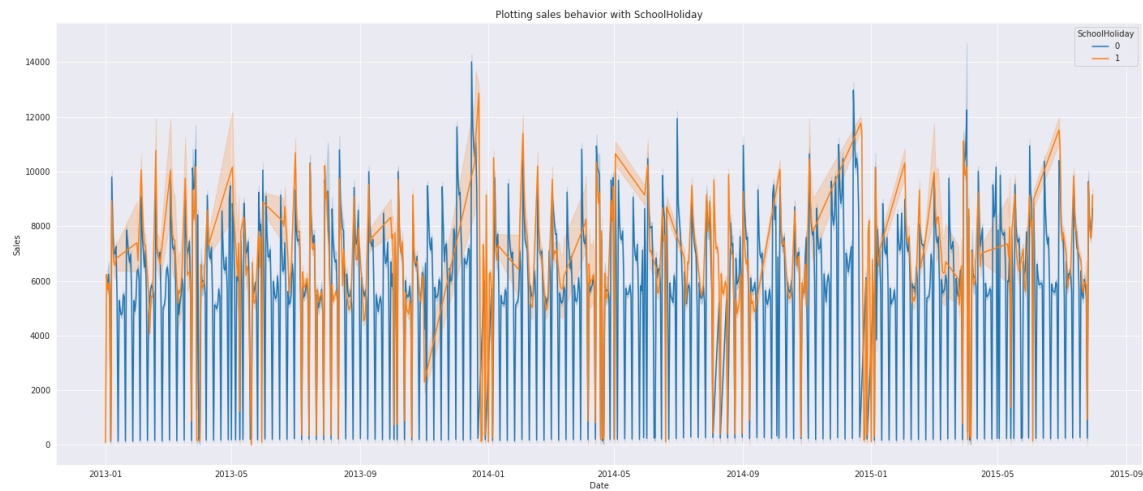
Distribution of Promo in the train and the test set



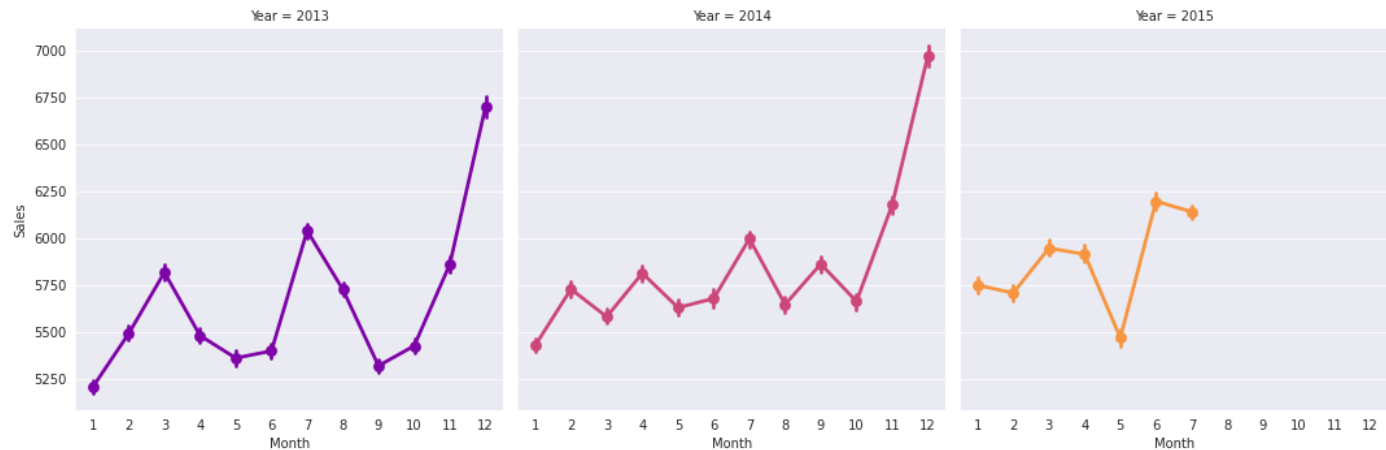
Distribution of Sales on State Holidays



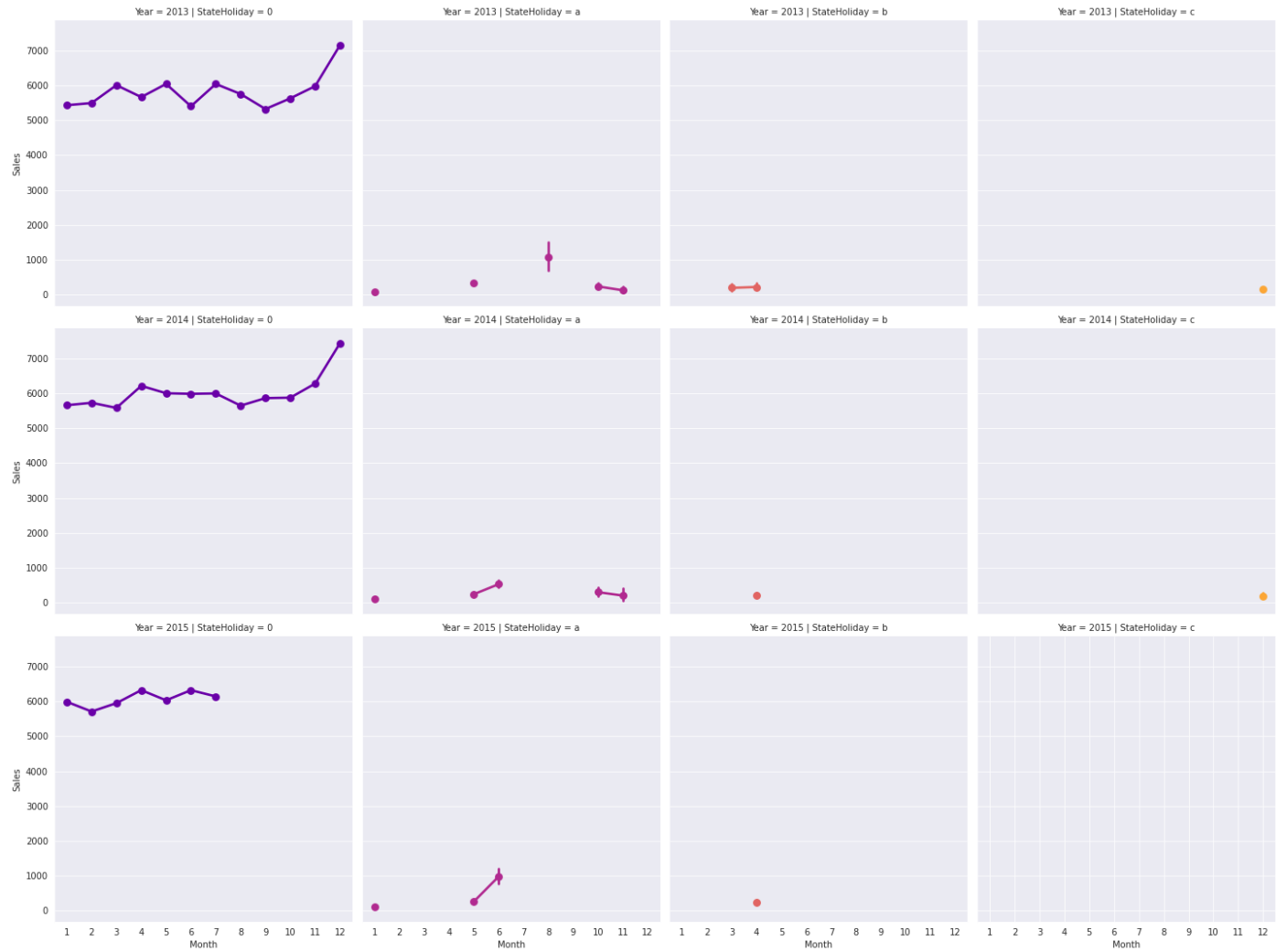
Distribution of Sales on School Holidays



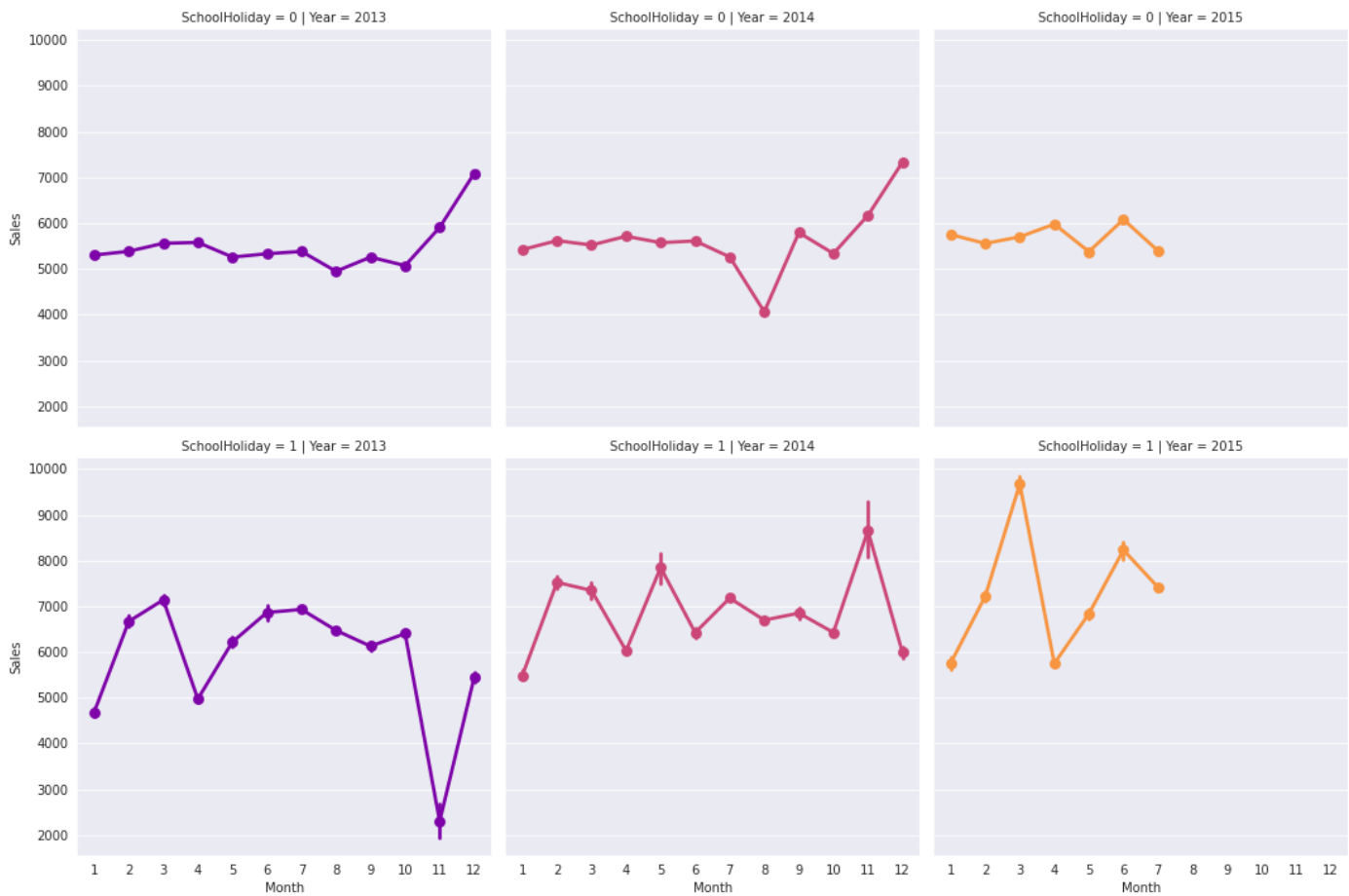
Trends of Sales per year



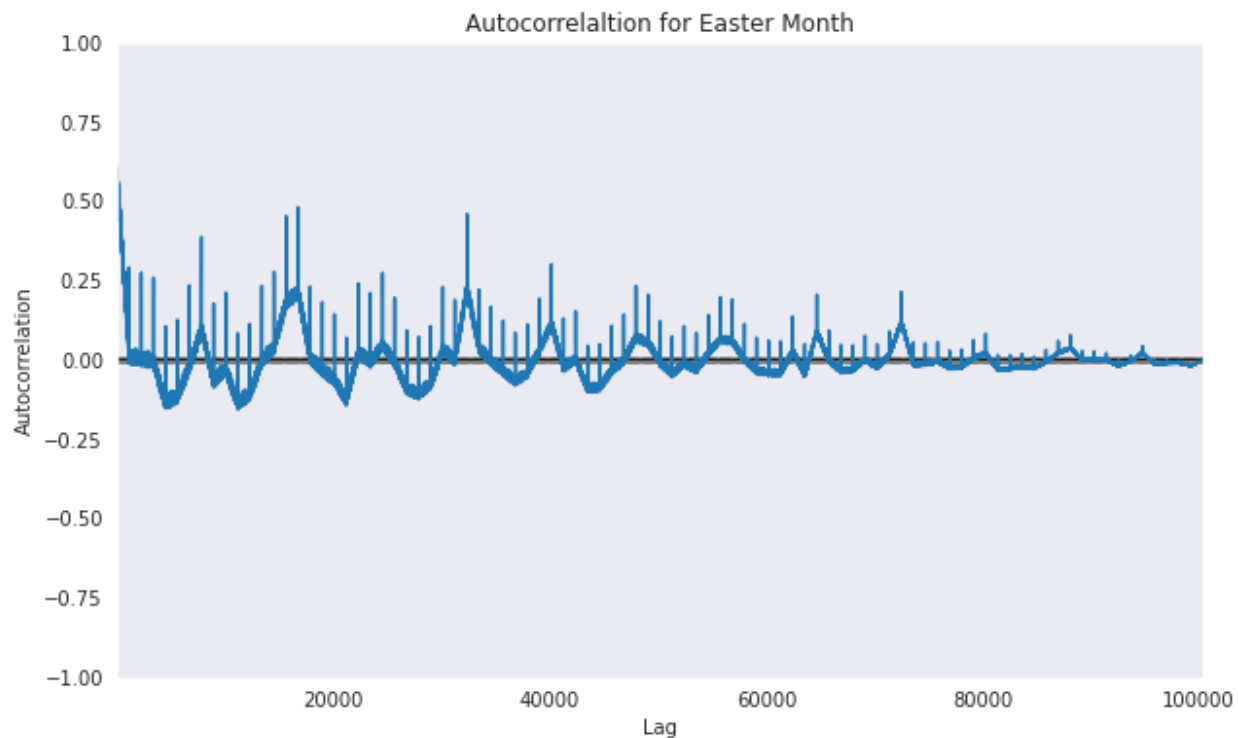
Trends of Sales per year and per stateholiday



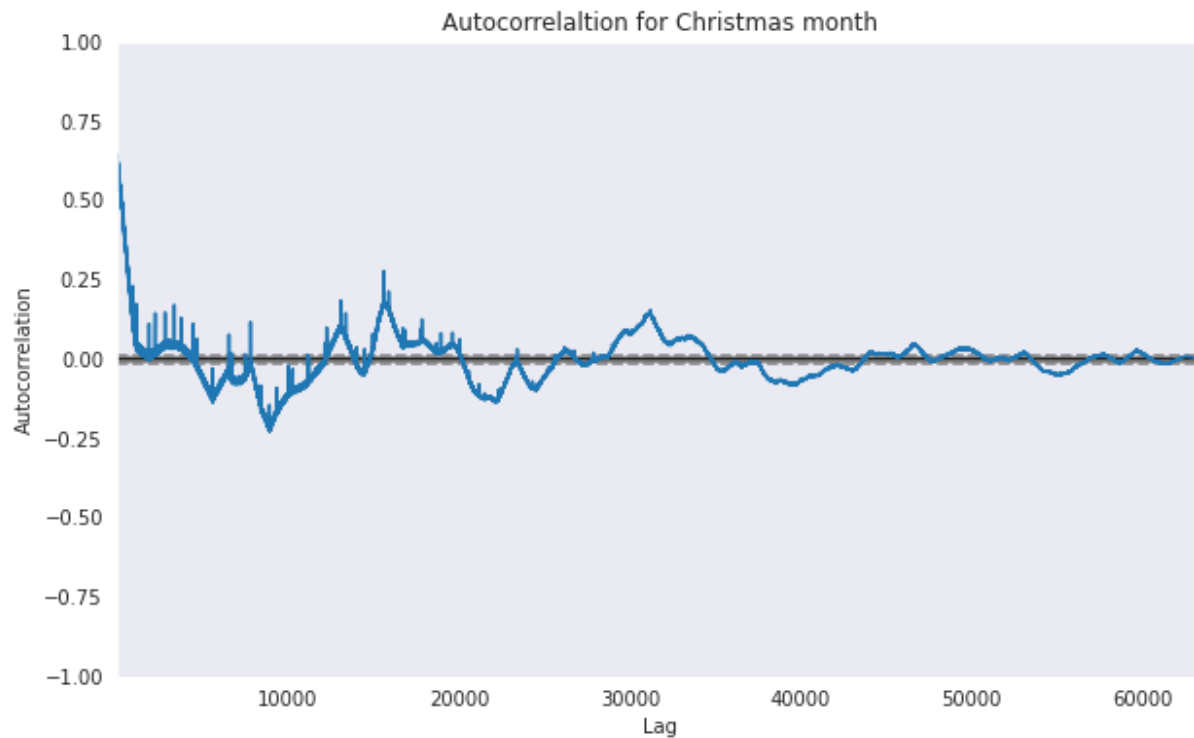
Trends of Sales per year and per schoolholiday



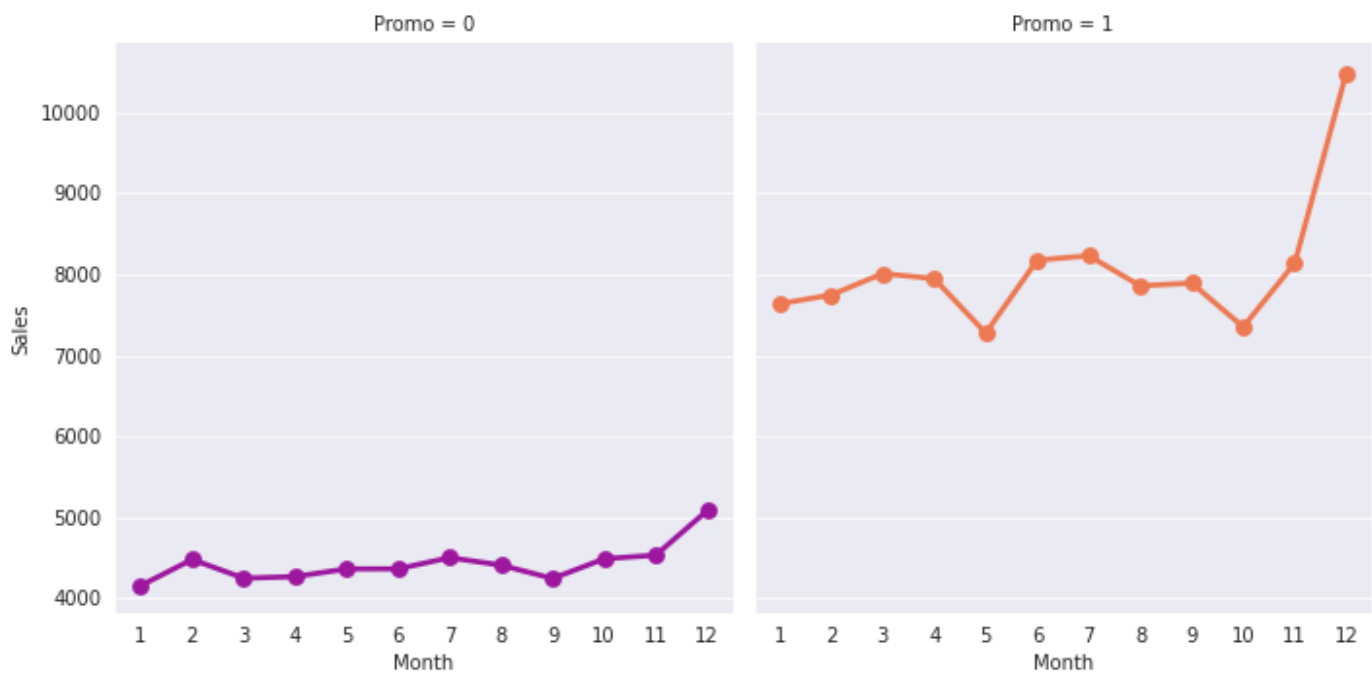
Autocorrelation of sales in April



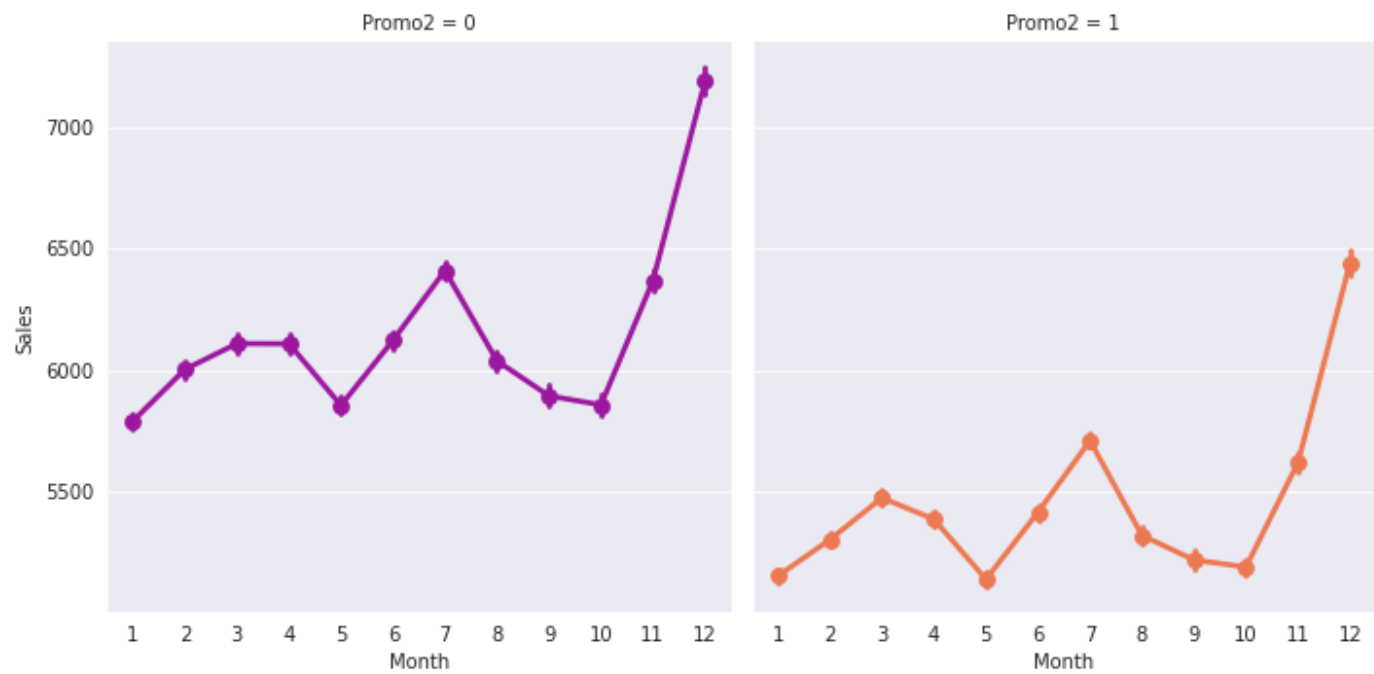
Autocorrelation of sales in December



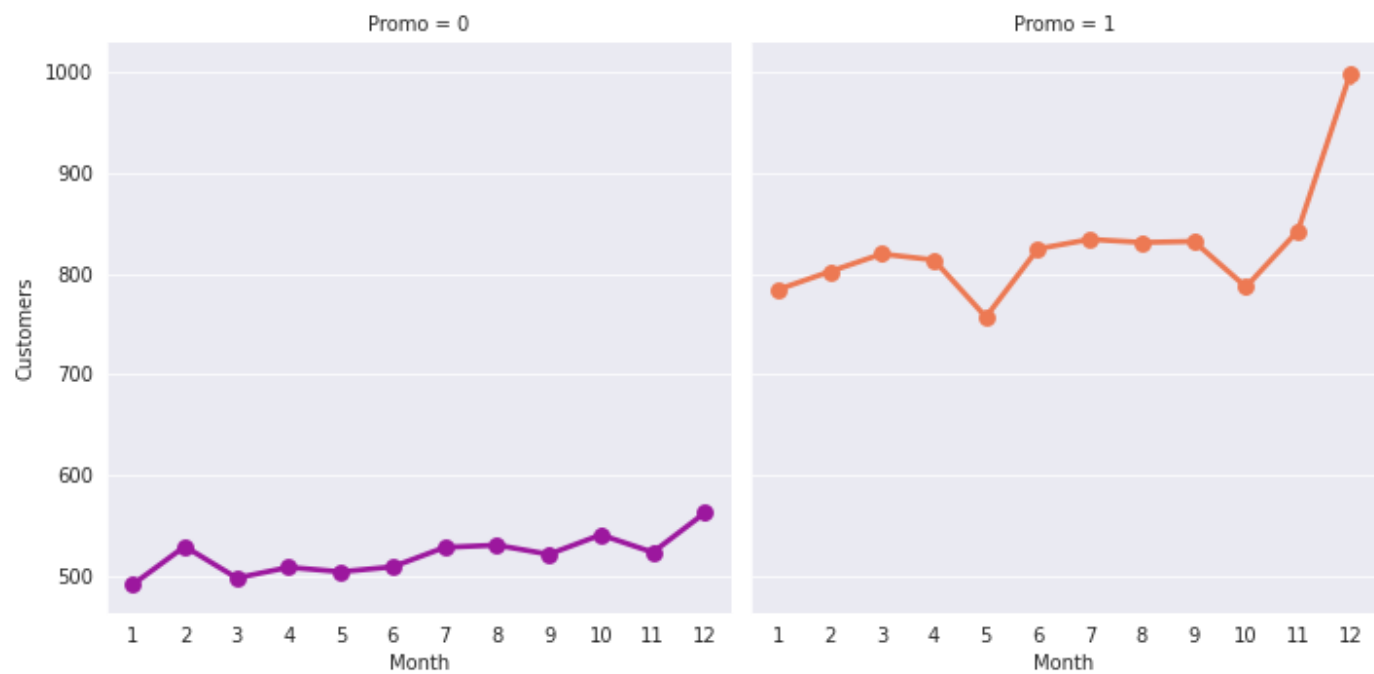
Trends of Sales per promo



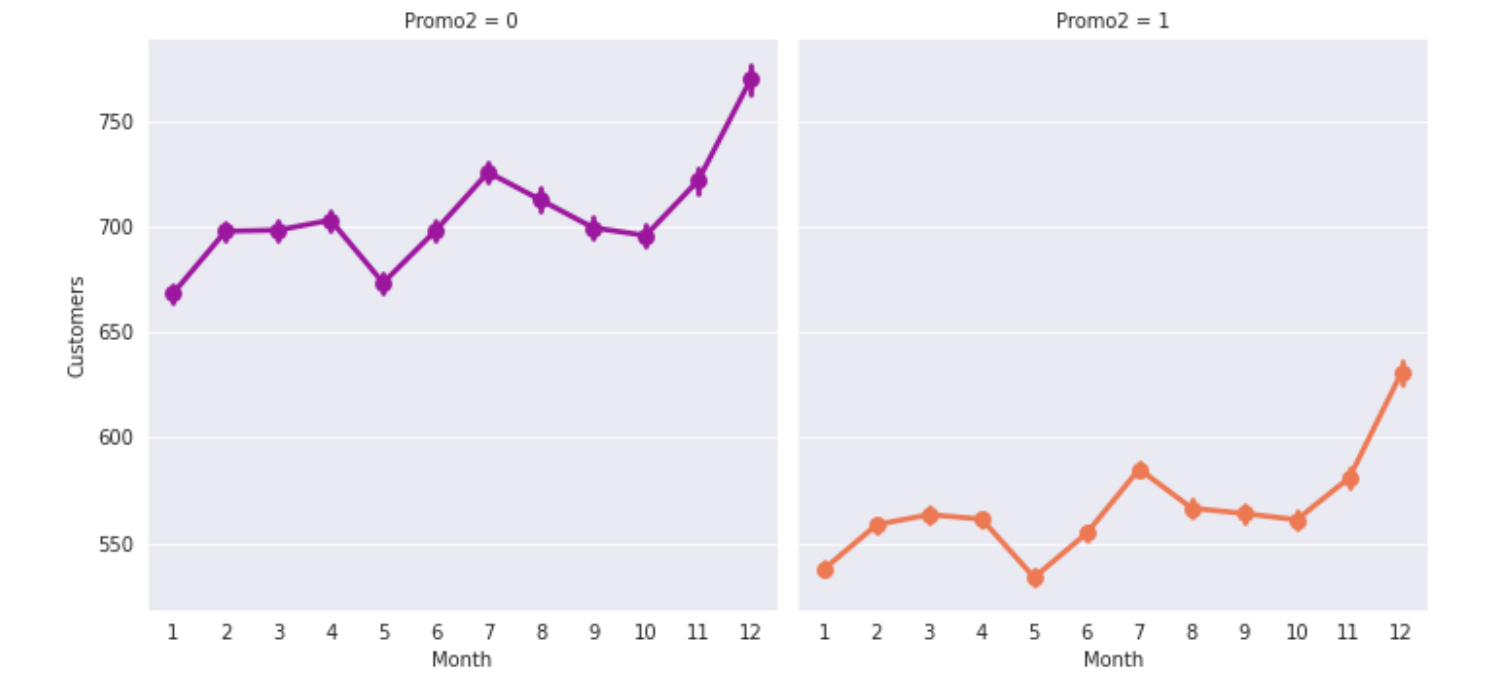
Trends of Sales per promo2



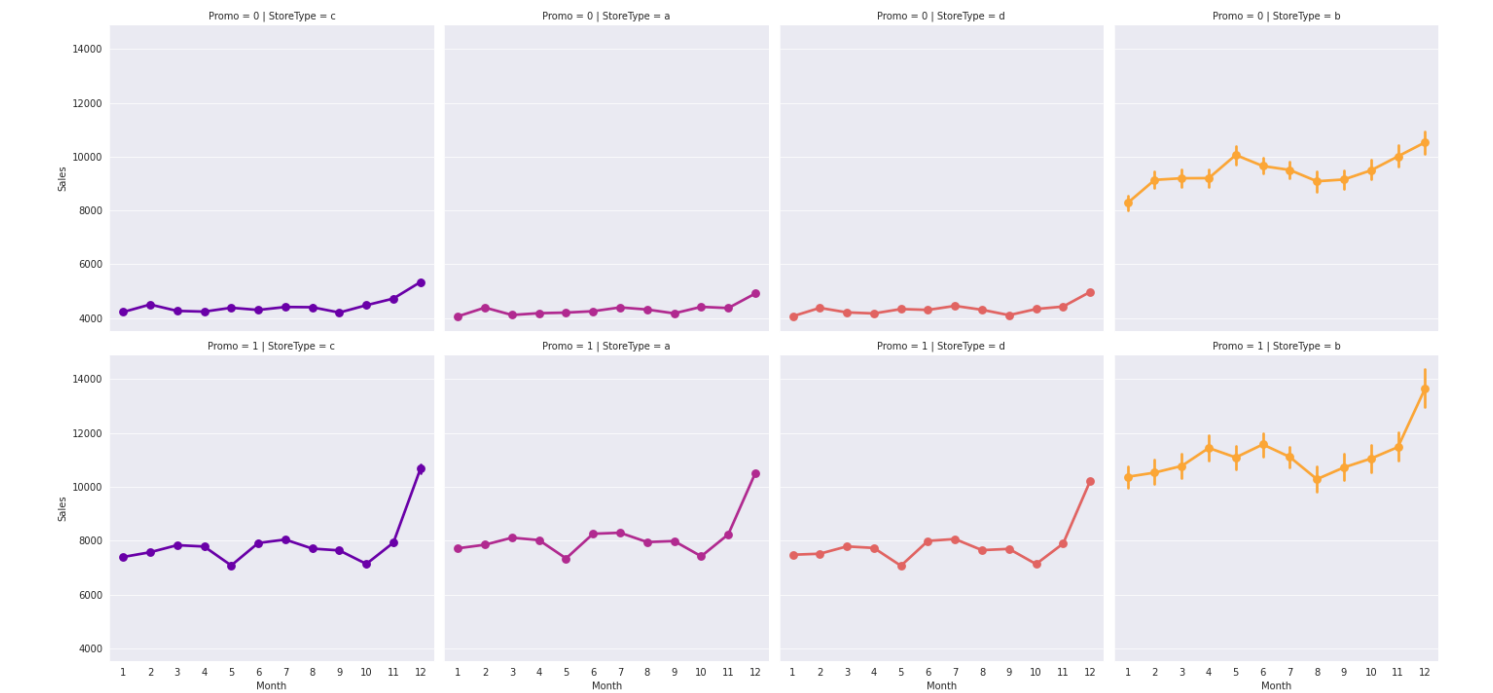
Trends of Customers per promo



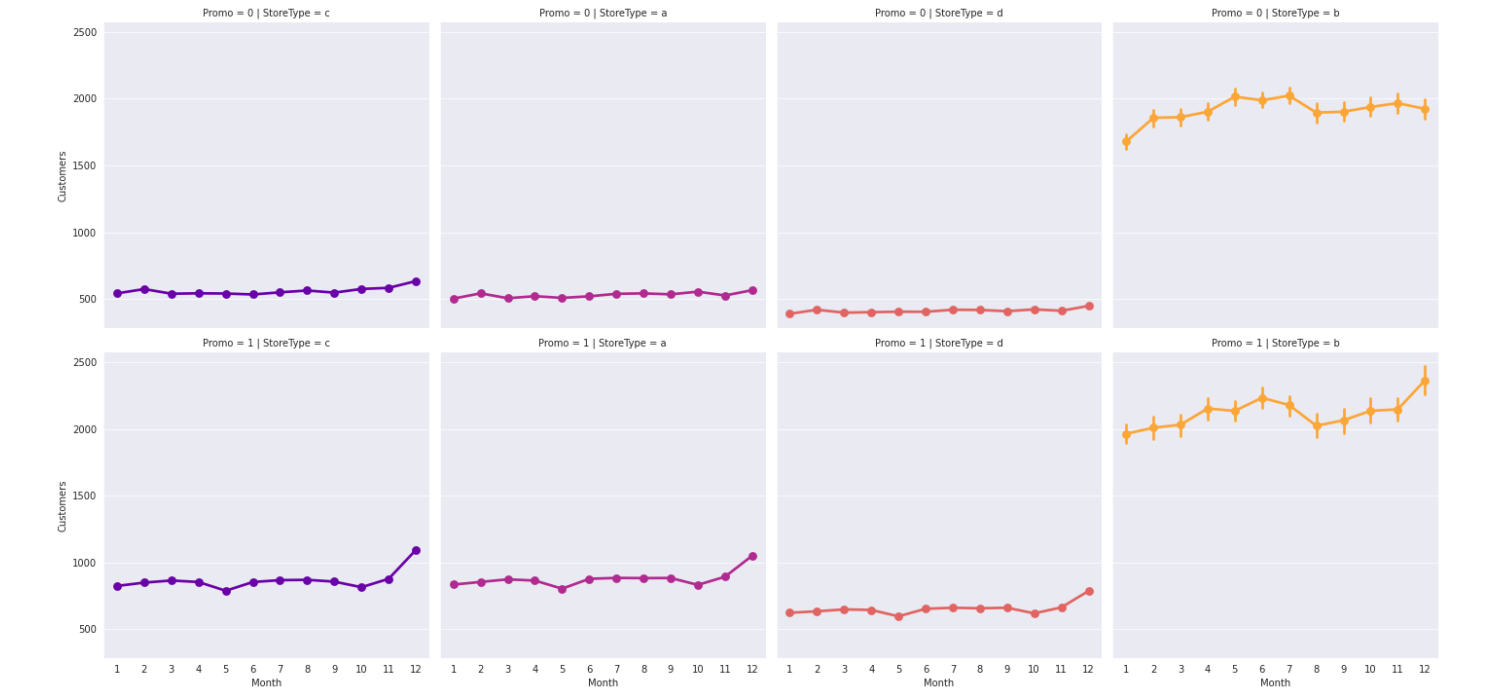
Trends of Customers per promo2



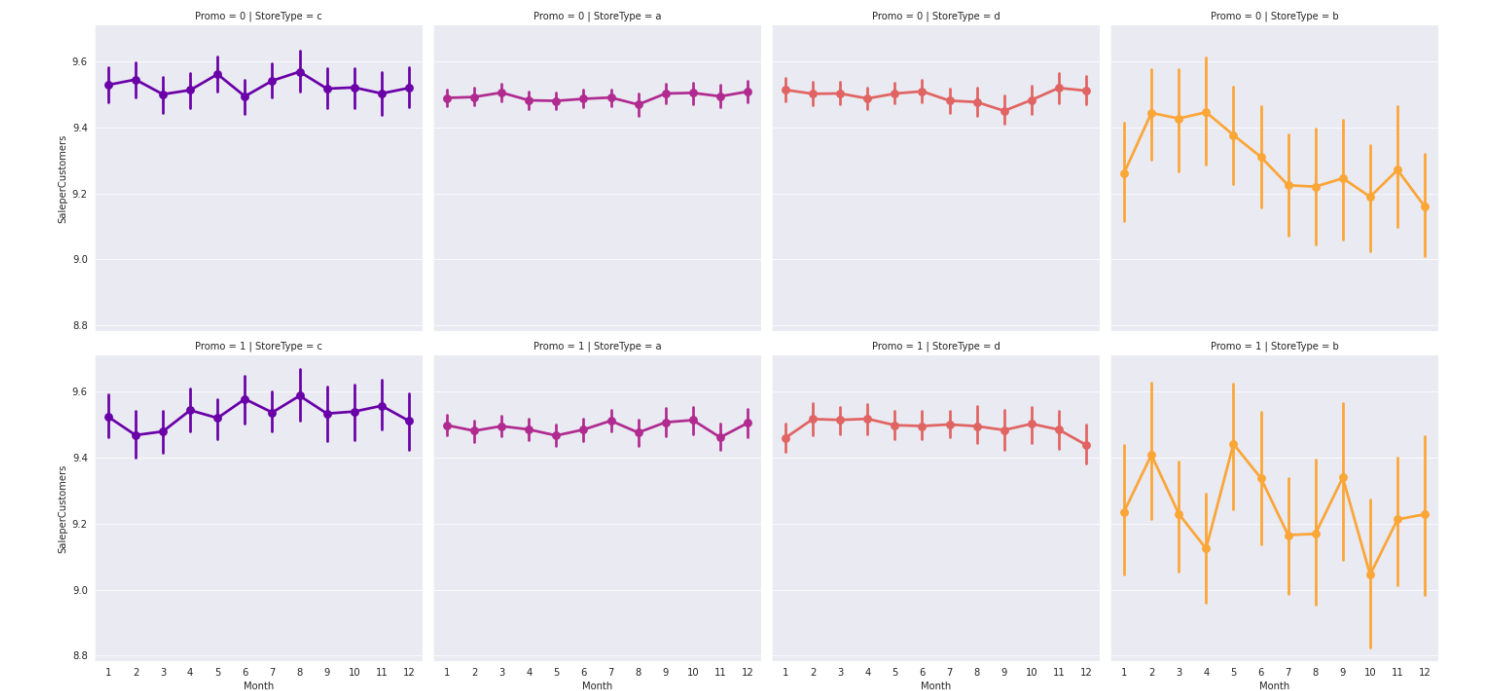
Trends of Sales per store types and promo



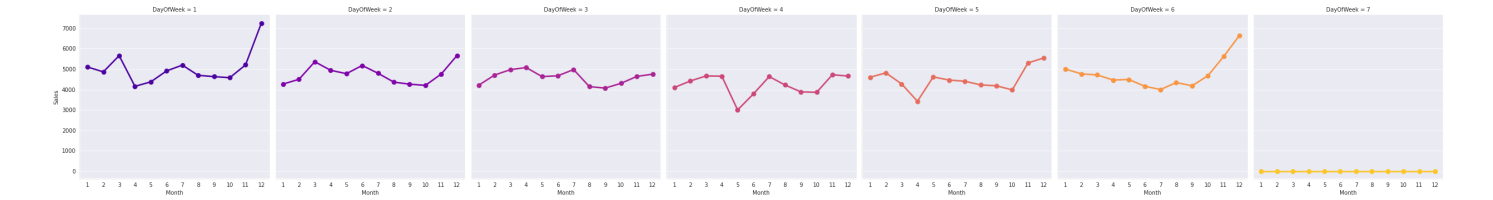
Trends of Customers per store types and promo



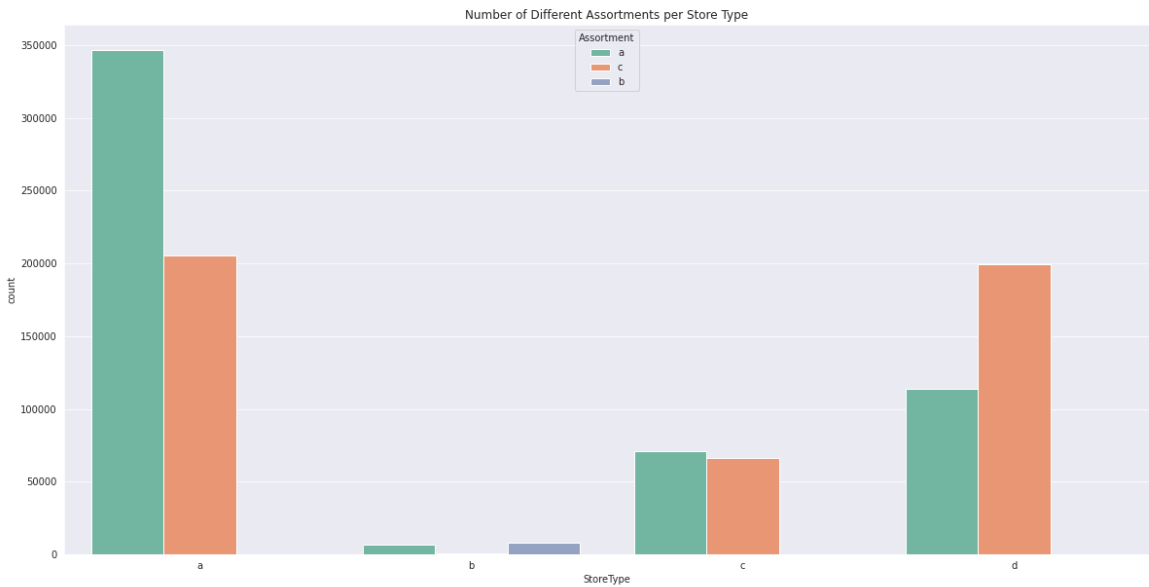
Trends of SalesperCustomers per store types and promo



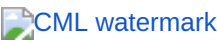
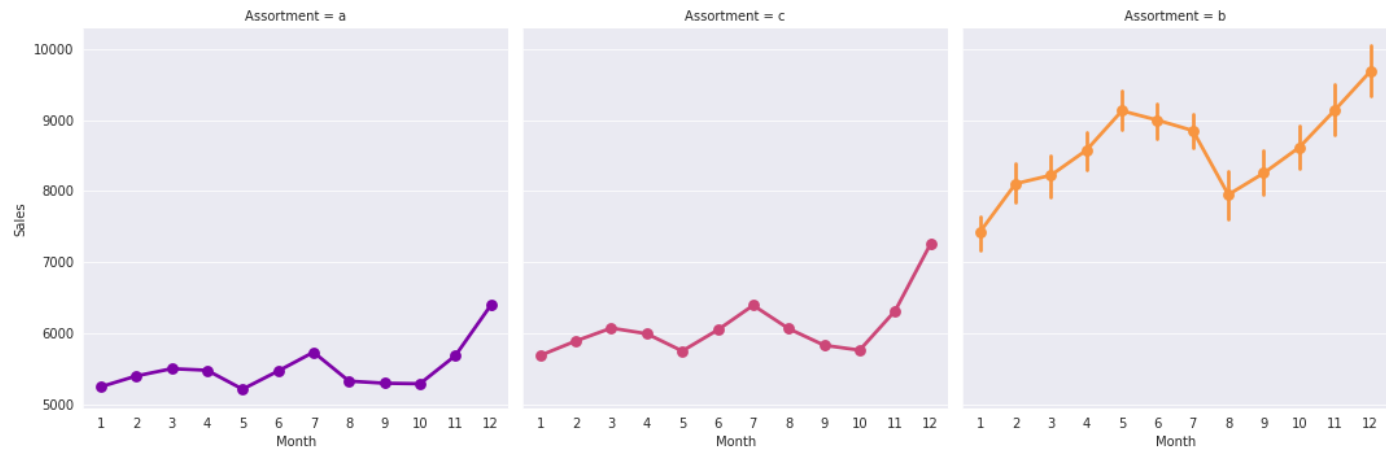
Trends of Sales on Weekends



Store type and assortment



Trends of Sales on assortment type



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