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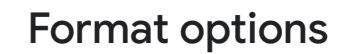
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Layout ▼

## Theme

## Transition



31

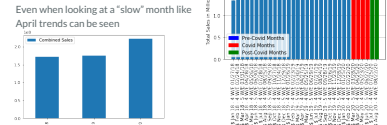


## Cleaning Data

[illegible]

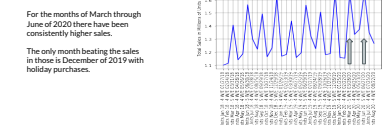
### Total Vodka Sales

Vodka sales went up a large amount during the covid-19 pandemic.



### Vodka Sales by Units Sold

The same trend can be seen when looking at the number of units of vodka that have been sold during the covid months



### Year over Year \$ Sales

When looking at year over year sales data sales of vodka again where higher.



### YOY Unit Sales

YOY sales of vodka  
also go when looking  
at unit sales

Average increase  
of %13.24



### Average Price per Unit

The average price per unit for vodka actually went down during covid.

This may explain a rise in the number of unit sales but not the price overall



## Pulling out data for graphs

```

]: #YOY Units After Covid
july18_unit_post = monthly_unit_df4.iloc[6, 1].round()
july19_unit_post = monthly_unit_df4.iloc[18, 1].round()
july20_unit_post = monthly_unit_df4.iloc[29, 1].round()

aug18_unit_post = monthly_unit_df4.iloc[7, 1].round()
aug19_unit_post = monthly_unit_df4.iloc[19, 1].round()
aug20_unit_post = monthly_unit_df4.iloc[30, 1].round()

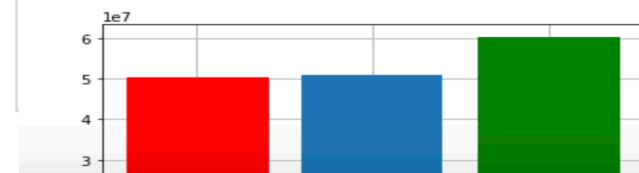
year18_unit_post = july18_unit_post + aug18_unit_post
year19_unit_post = july19_unit_post + aug19_unit_post
year20_unit_post = july20_unit_post + aug20_unit_post

yearly_unit_data_post = {"Year": ["2018", "2019", "2020"],
                        "Combined_Sales": [year18_unit_post, year19_unit_post, year20_unit_post]}
yearly_unit_post_df = pd.DataFrame(yearly_unit_data_post)
yearly_unit_post_df

yyear_unit1_post = yearly_unit_data_post["Combined_Sales"]
xyear_unit1_post = yearly_unit_data_post["Year"]
yearly_unit_bar = plt.bar(xyear_unit1_post, yyear_unit1_post, align='center', zorder=3)
plt.ylabel = ("Sales in Millions of Units (Jan and Feb)")

yearly_unit_bar[0].set_color('r')
yearly_unit_bar[2].set_color('g')
plt.grid(zorder=0)

```



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## Explore

