

Pop-Tarts Box Data Collection

	flavor	path	Type	Rating	Reviews	Vibrance	Frosted	Specks	Specks Multicolor	Swirl
0	Frosted Boston Creme Donut Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.0	4.0	75.912796	1	0.0	0.0	0.0
1	Simply Frosted Harvest Strawberry Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.8	11.0	73.791459	1	1.0	1.0	0.0
2	Frosted Banana Bread Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.4	75.0	73.659147	1	0.0	0.0	0.0
3	Frosted Chocolate Chip Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.7	88.0	78.706161	1	0.0	0.0	1.0
4	Frosted S'Mores Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.7	206.0	83.206668	1	0.0	0.0	0.0
5	Frosted Strawberry Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.7	338.0	91.106193	1	1.0	1.0	0.0
6	Frosted Grape Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.5	147.0	76.708439	1	1.0	0.0	0.0
7	Frosted Brown Sugar Cinnamon Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.8	397.0	80.775880	1	0.0	0.0	0.0
8	Unfrosted Blueberry Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.7	71.0	88.434275	0	0.0	0.0	0.0
9	Frosted Cherry Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.8	201.0	82.691694	1	1.0	0.0	0.0
10	Strawberry Banana Pop-Tarts Bites.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	0	4.5	226.0	85.278814	1	1.0	0.0	0.0
11	Frosted Chocolatey Chip Pancake Pop-Tarts.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	1	4.0	32.0	63.662778	1	1.0	0.0	0.0
12	Frosted Blueberry Pop-Tarts Bites.png	/mnt/ufs18/home-235/leonalan/pop-tart box imag...	0	4.6	289.0	96.117546	1	1.0	1.0	0.0

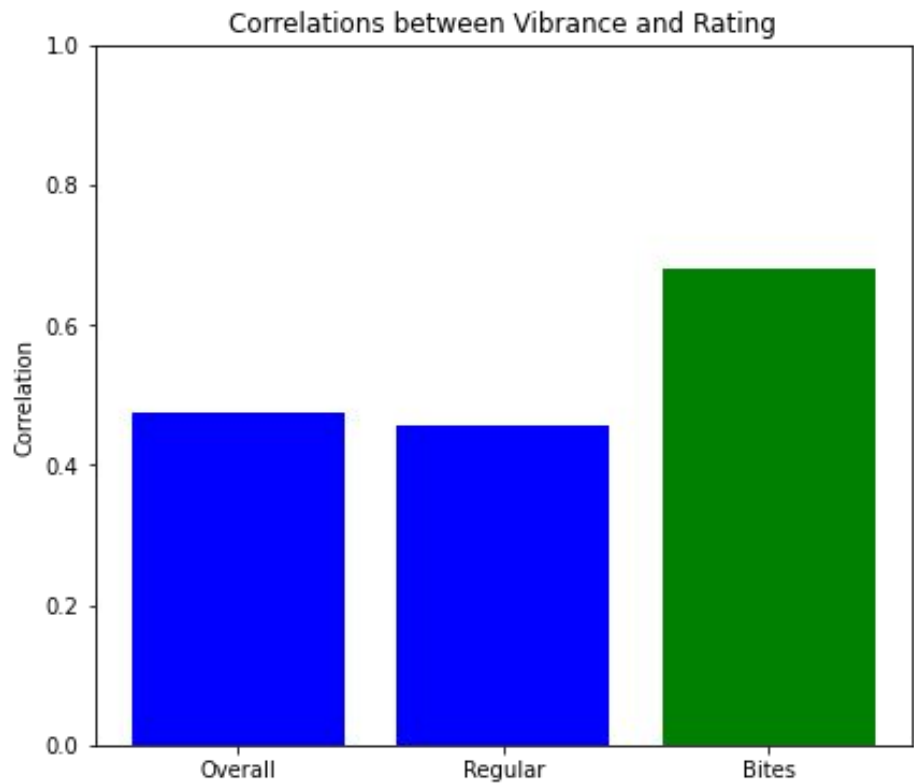
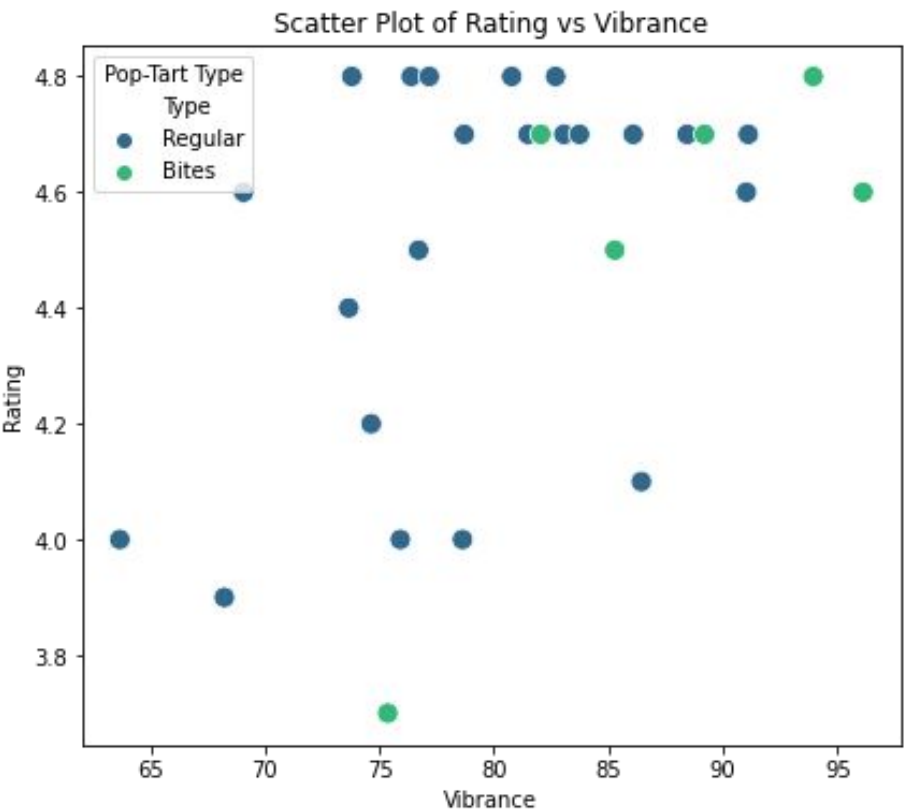
Correlation between Pop-Tart Ratings and Box Vibrance

Overall Correlation: 0.47378060319352766

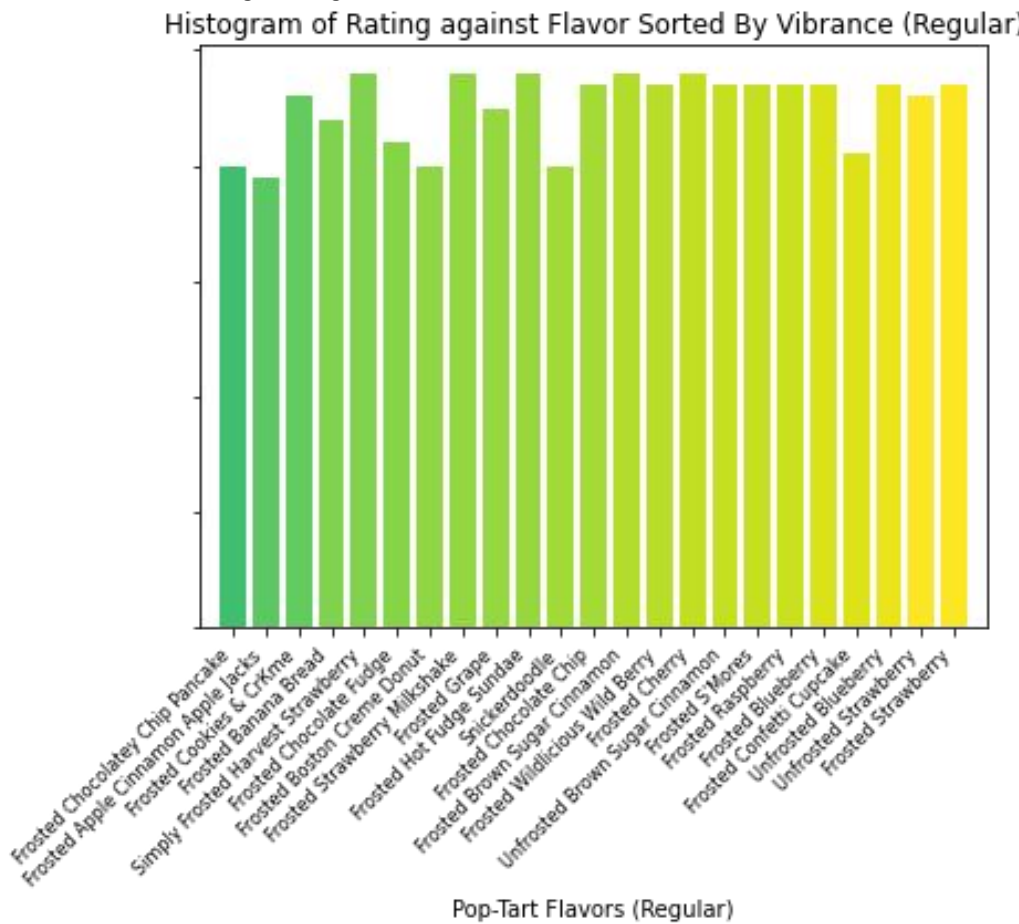
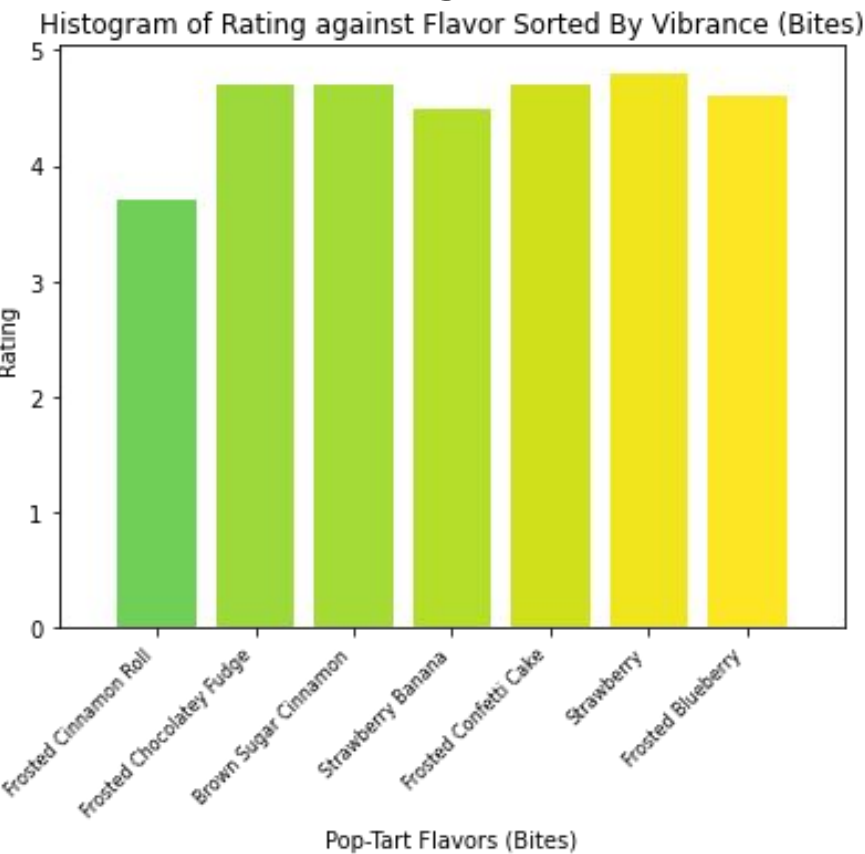
Bites Correlation: 0.6796904532008893

Regular Correlation: 0.4559879941907471

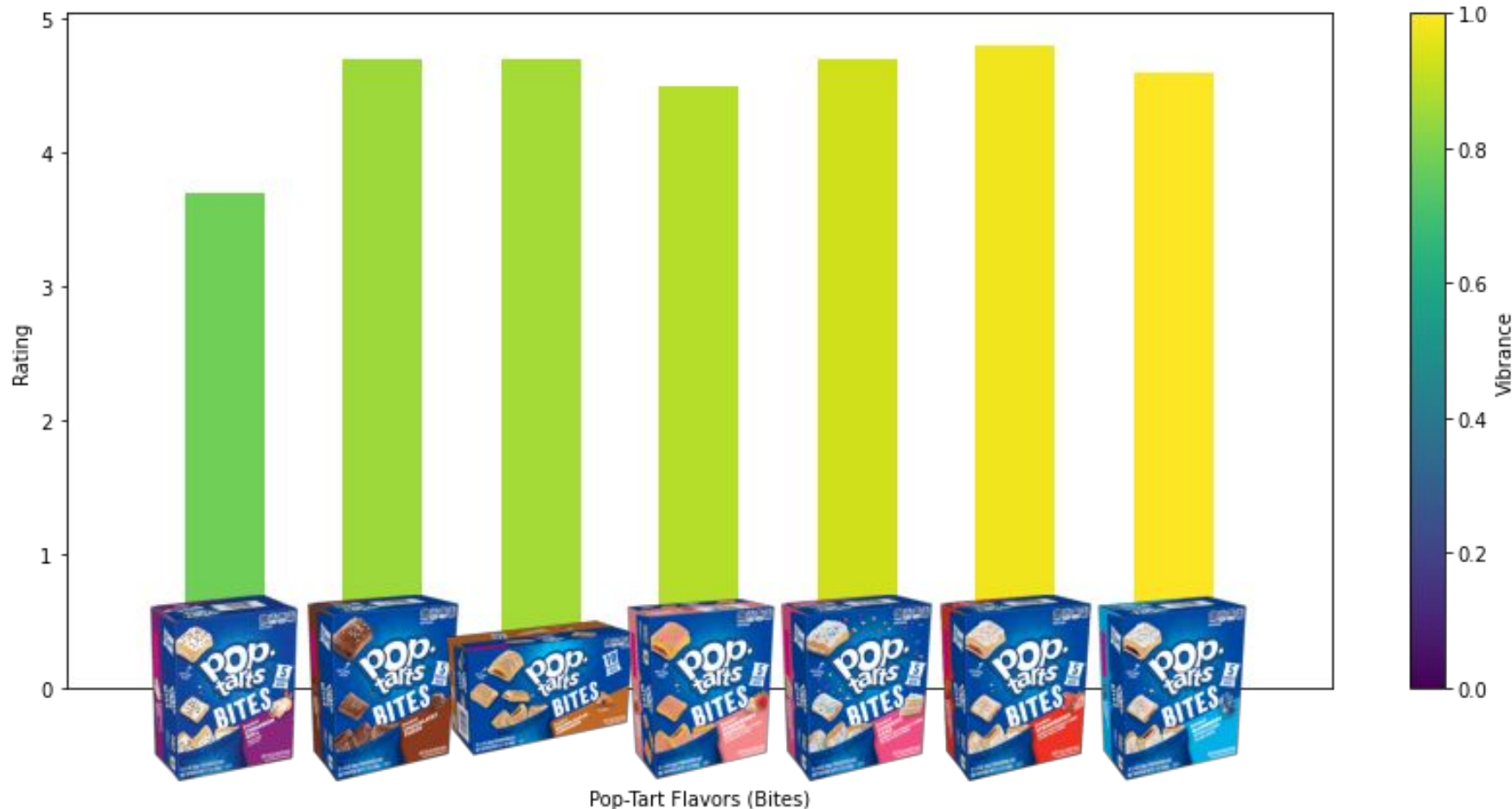
Pop-Tart Ratings and Box Vibrance by Type



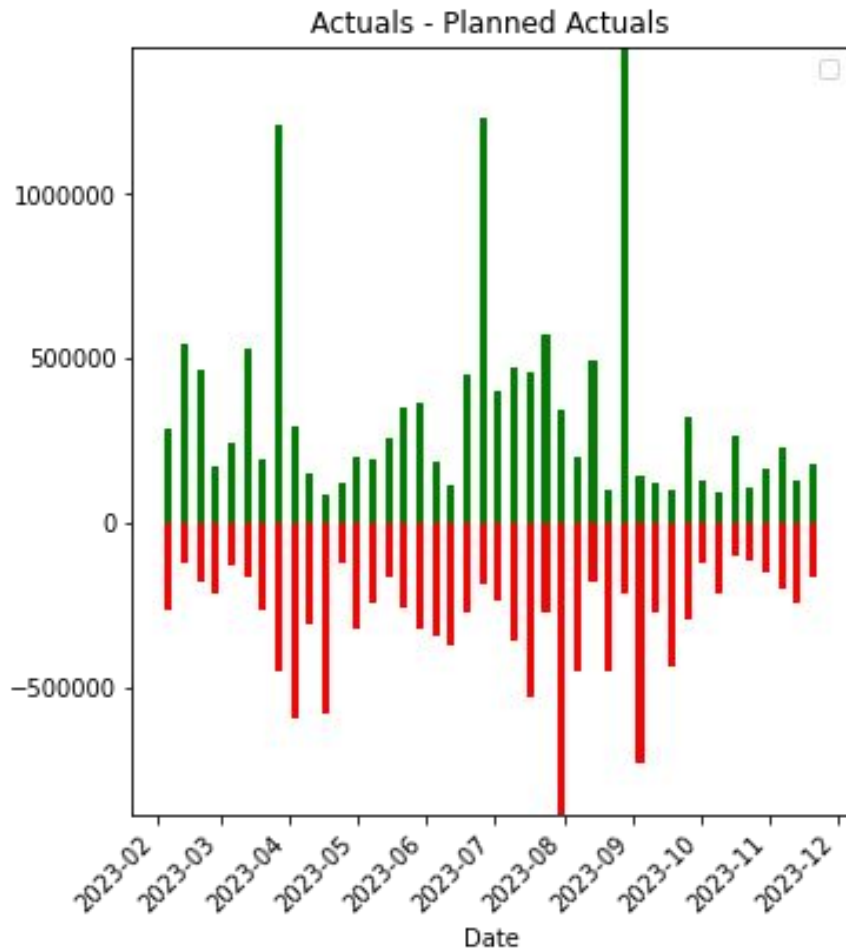
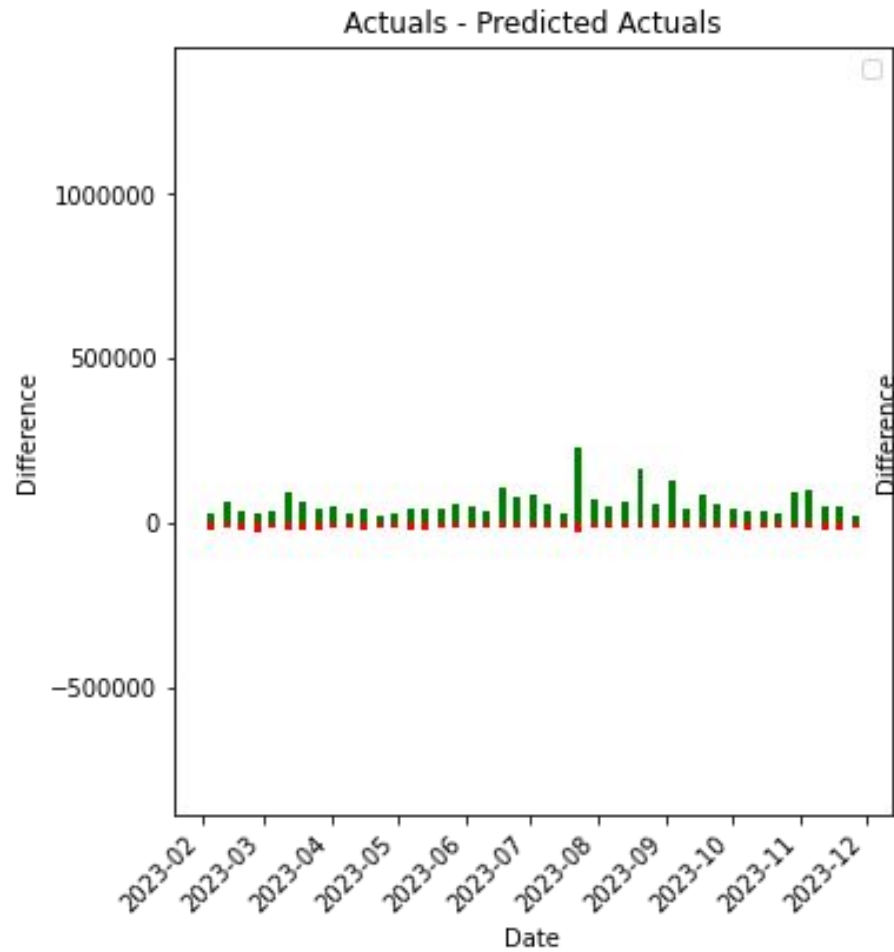
Pop-Tart Ratings and Box Vibrance by Type



Pop-Tart Bites Ratings and Box Vibrance relationship

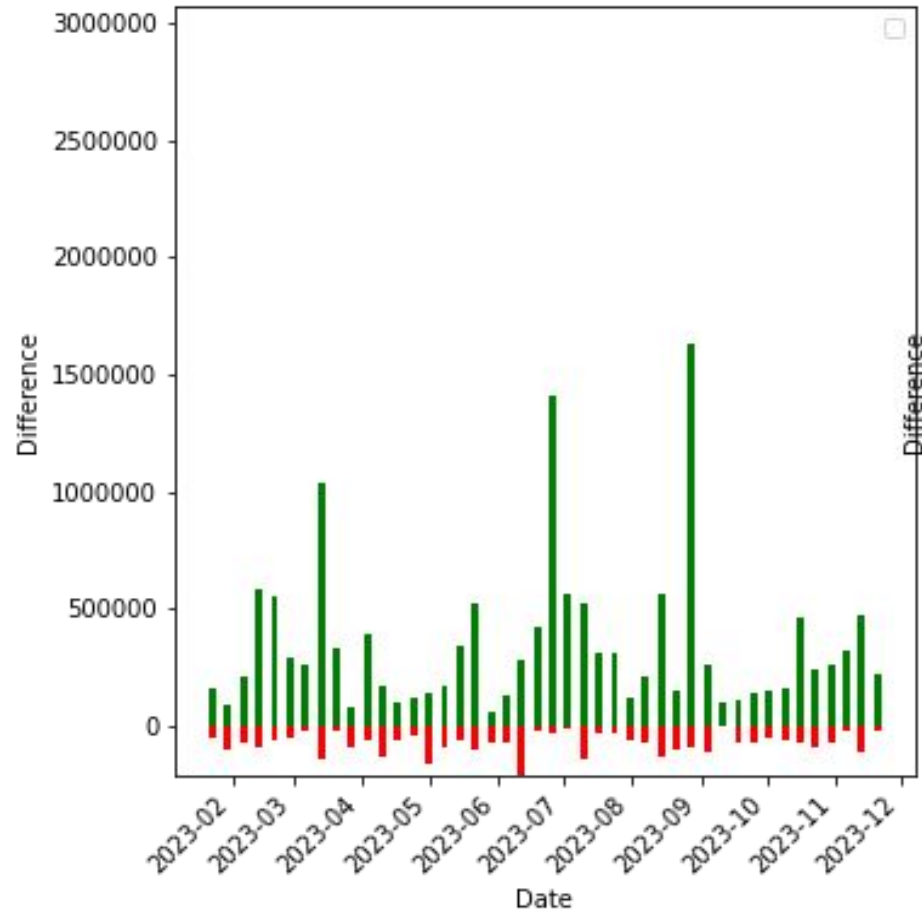


Remove Outliers

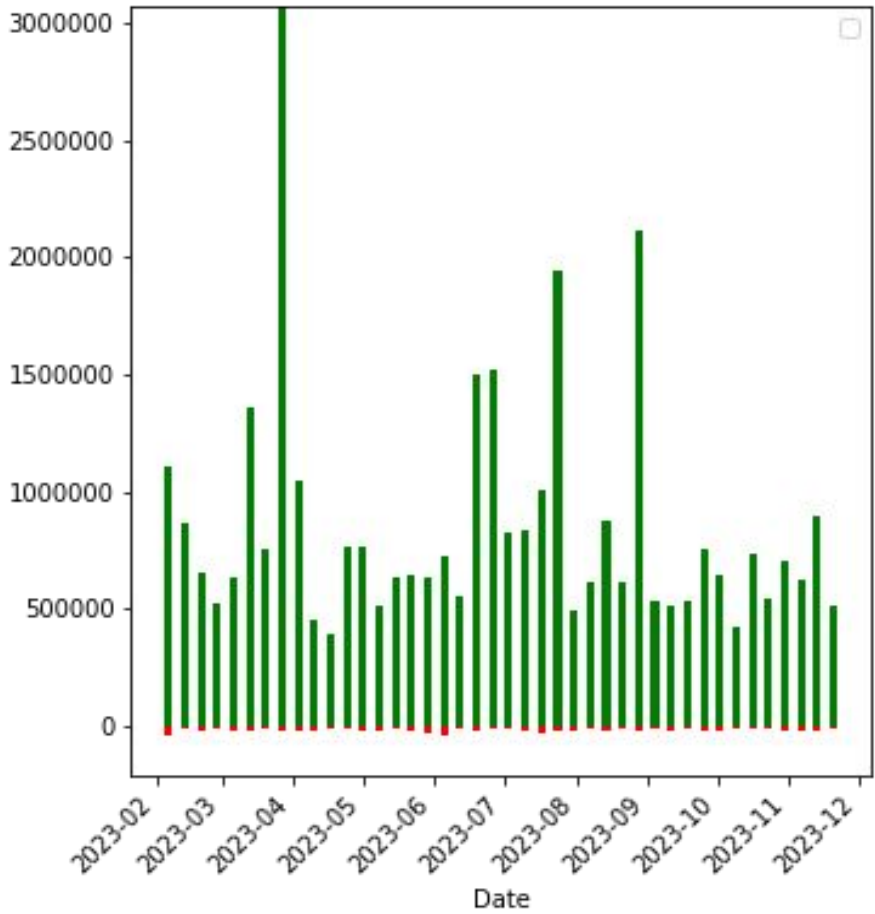


Remove Outliers

Actuals - Predicted Actuals



Actuals - Planned Actuals



Replace Outliers with Average

