

The plot of Moving Average of WL for Time Hour. Color shows details about Season. The marks are labeled by Season. The view is filtered on Season, which keeps Autumn, Spring Summer and Winter.

To prepare this data, I used a conditional statement / if statement in Excel that categorized seasons, based on the data. I then used quick tables in tableau to calculate a moving average of the water level.

I chose the above visualization because it shows the moving average of water levels throughout the day, during a given season. This way we could compare the variance of how the water level shifts throughout the day. From this sheet, we can gather that spring and summer have the highest amount of variance in the morning (between 4 and noon). It can also be capture that in the morning the water level increases then dips for all of the season, except autumn. I tried to order the seasons in the order they are experienced during a new year.

One fault in this visualization may be that I was given a single year of data, and I the seasons for winter happen at the beginning and the end of the year. I'd like to think, given another year of data, I could adjust for this.

# Type of Cars Sold by Make

Make	Туре		Legend
Buick	Sedan		· 10
Cadillac	Convertible	*	<b>50</b>
	Sedan		□ 100
Chevrolet	Convertible		160
	Hatchback		
	Coupe		Number of Records
	Sedan		10 160
Pontiac	Coupe		
	Wagon		
	Sedan		
SAAB	Convertible		
	Wagon		
	Sedan		
Saturn	Coupe		
	Sedan		

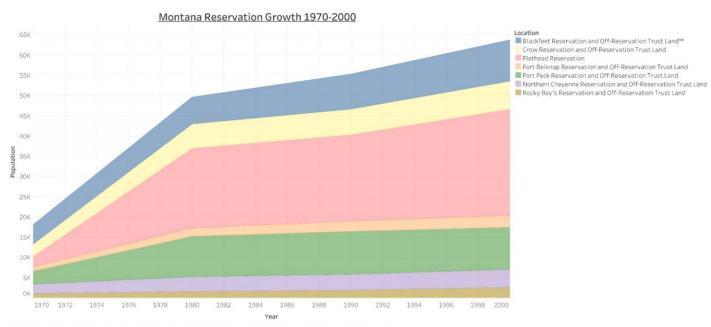
Sum of Number of Records (color) and sum of Number of Records (size) broken down by Make and Type.

#### **GM** Car Data

GM Car Average Price Treemap

Cadillac XLR-V8 \$62,939		Cadillac STS-V6 \$37,375	Cadillac Deville \$36,238	SAAB 9_3 HO \$30,430	SAA 9_: \$30,0	5	Pontiac GTO \$29,130		Pontiac Bonneville \$20,896	
Cadillac CST-V \$45,023				SAAB 9_3 \$29,048			Pontiac G6 \$19,652	Gra	Pontiac Grand Prix \$17,890	
Cadillac STS-V8		Cadillac CTS \$30,455		SAAB 9_5 HO		9-2X AWD \$24,961	Pontia Vibe			
\$42,984							\$15,881 Pontiac		Pontiac Sunfire \$12,583	
0 11	Chevrolet	Chevrolet o Cobalt \$13,953	Chevrolet Classic \$13,598	\$28,185			Grand A \$15,58	m	φ12,36S	
Chevrolet ( Corvette \$39,156	Monte Carlo \$19,842			Buick Park Avenu \$24,015	е	Buicl		Saturn	Saturn	
Chevrolet	Chevrolet Malibu	Chevrolet Cavalier \$12,866	Chevrolet AVEO \$10,753	Buick		Lesab \$19,6		L Series \$16,551	lon	
Impala \$19,923	\$17,167			Lacrosse \$21,078						

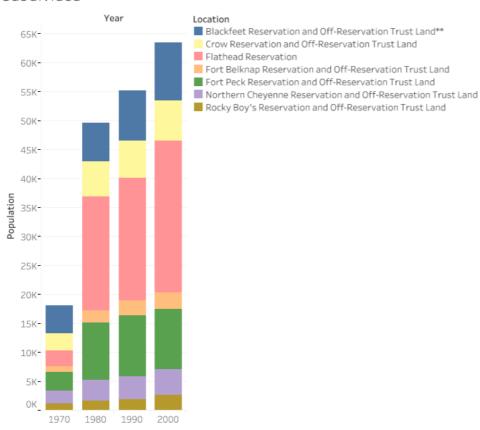
#### Montana Reservation Growth Data



 $The plot of sum of Population for Year. \ Color shows details about Location. The view is filtered on Location, which has multiple members selected.$ 

## Montana Reservation Growth 1970-2000

### Subdivided



Sum of Population for each Year. Color shows details about Location. Details are shown for Location. The view is filtered on Location, which has multiple members selected.