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Capstone I proposal

There are two dominate wheel sizes in Mountain Biking 29” and 27.5 and I want to see if the correlation between bike wheel sizes and their used market value. There is a website called PinkBike that lets you list your used mountain bike for sale and people can contact you to if they are interested in buying it. I want to scrape the listings to get data to help answer my question

The columns of the data are as follows:

- Year
- model
- Wheel Size
- Seller Location
- Front suspension travel
- Rear suspension travel
- Frame material
- Price
- and condition

The data I have as of right now I have 1474 29” bikes and 1879 27.5” wheel bikes. All of those bikes have non-null values.

	Title	Condition	Material	Frame Size	Front Travel	Rear Travel	Price	City	State/Prov	Country	Description	Date
Wheel Size												
26	262	262	262	262	262	262	262	262	262	262	262	262
275 650B	1849	1849	1849	1849	1849	1849	1849	1848	1849	1849	1849	1846
29	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455	1455

My MVP is showing a positive or negative correlation between larger wheel size and asking price. My MVP + would be showing the greater the suspension travel the greater asking price. Finally, my MVP + + would be showing the effect location of selling has on asking price.