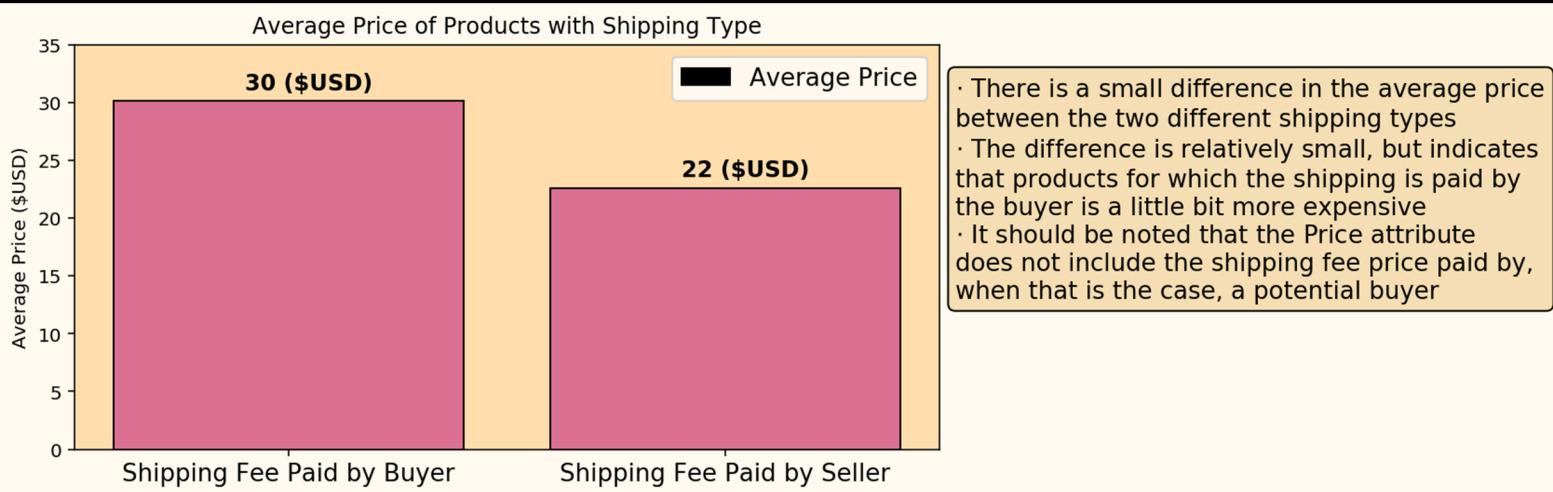
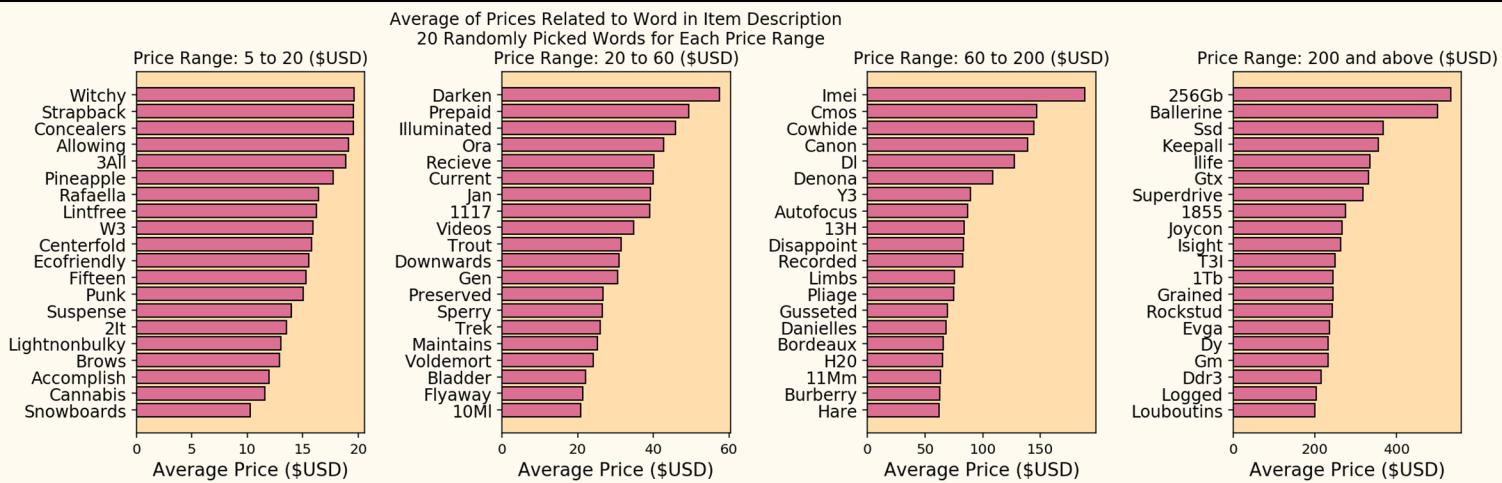


# Mercari Price Analysis - Data Analysis - Shipping fee with price, and the price associated with words in the item description

- Further considering the shipping fee of items, there might be a relation between who pays the shipping fee and the average price of products



- The item description might convey important information of the underlying product - hence, the price associated with words in the item description is of interest



The words in the item descriptions range from being descriptive, like Illuminated, Ecofriendly, Grained, Voldemort, to less descriptive, like Disappoint, Gen, Recieve. In general, the words seems to indicate some characteristic of the underlying product. For example, a combination of Ecofriendly and Burberry might indicate that the underlying product is not only of the luxury brand Burberry, but also an ecofriendly product. For a given product, all the words in its item description should collectively, with the average prices defined above, give a rough indication of a reasonable, possible price of the underlying product, for example by weighing the average prices of each word.

A positive thing about the item description is that it may convey more indepth information of the underlying product as compared to the name attribute of the product.

Construction of the Average Price:  
For each possible Word in the Item Description:  
Collect all products which has that Word in its Item Description  
Calculate the average price from all the prices of those products