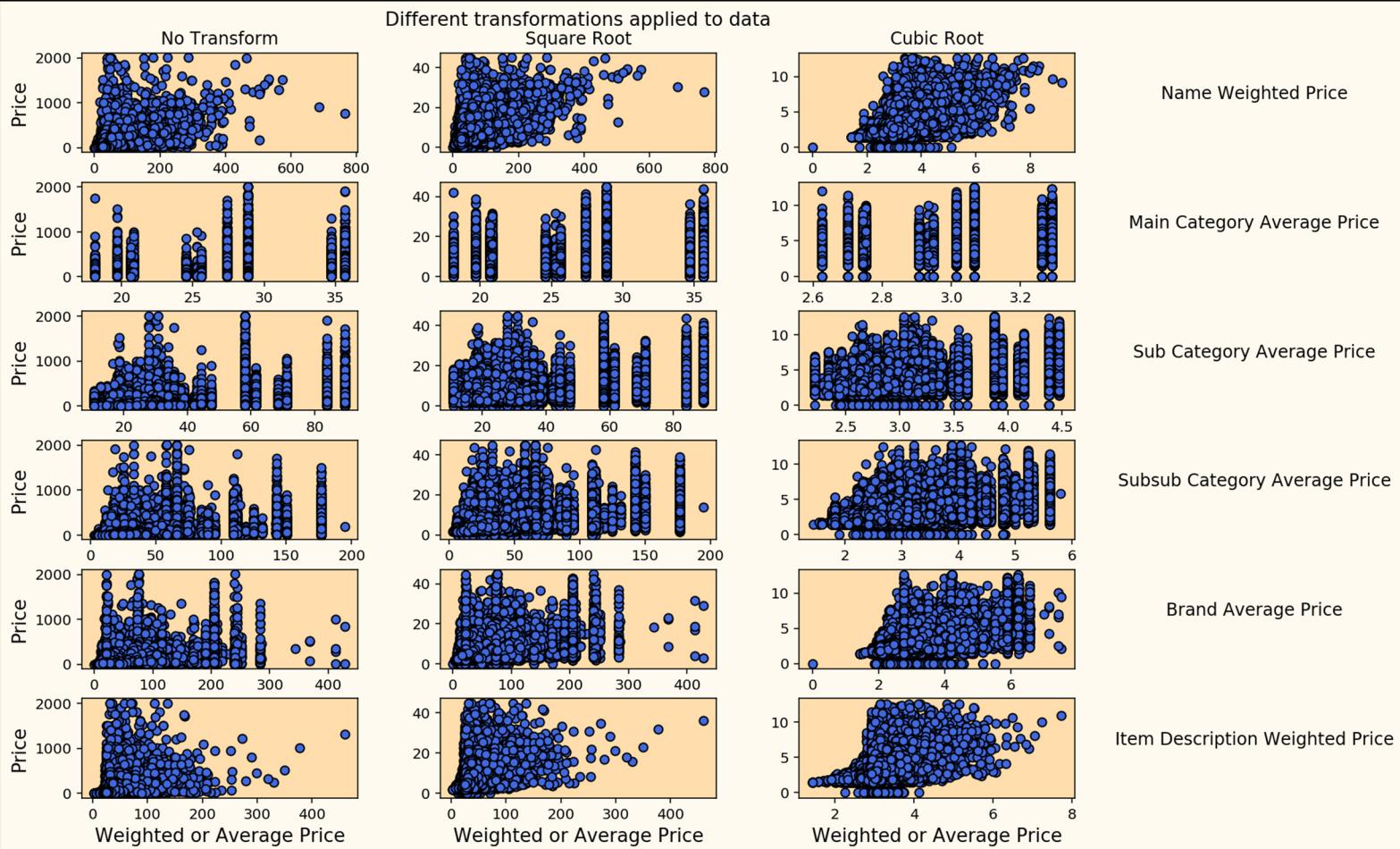


Mercari Price Analysis - Prediction Analysis - Transformation of variables, correlation among variables

- Before building a linear model, there might be some transformations of variables that may help with relationships



- The cubic root transformation makes the different attributes a bit more linearly related with the price attribute
- On the other hand, one can see that the large amount of data points (above 1 million) makes the relationships really crowded

- A key idea in linear models is to analyze the correlation among all variables considered, especially the correlations with respect to the price variable

