

Amazon Shopping 'HACK'

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What?

Predict Amazon
Clothing, Shoes, and
Jewelry list price

How?

Scrape Amazon data
and build a model

Why?



Process

Scrape & Clean

Selenium

Analyze and Model

Pandas

Scikit Learn
StatsModels

1st Degree linear regression

Plot and Visualize

Matplotlib
Seaborn

Model



31% Accounted for with

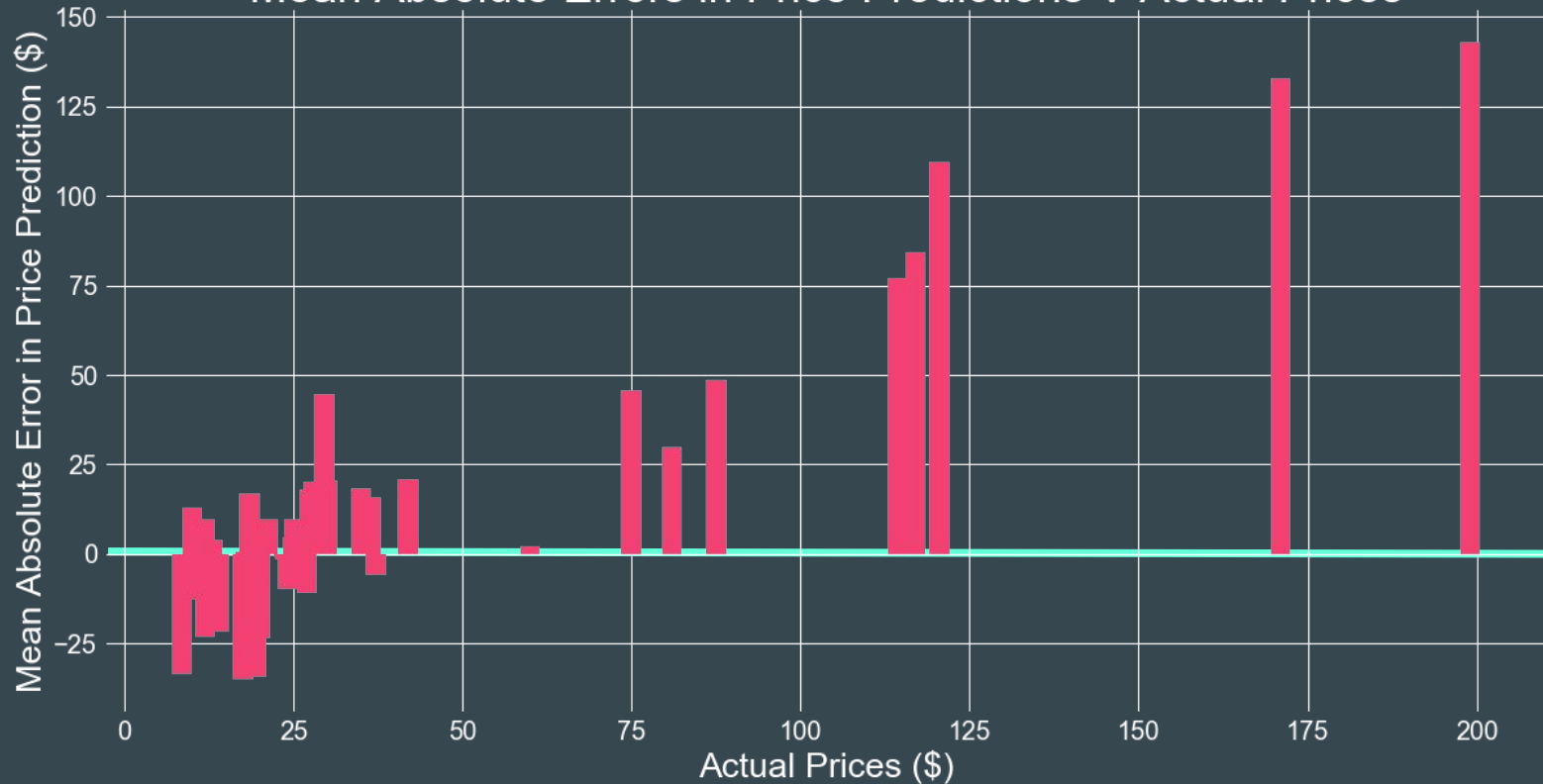
**Degree 1 linear
regression**

Model



1. Average Customer Review (-23.05)
2. Product specifications image (-16.66)
3. Number of description bullets (-2.67)
4. Number of answered customer questions (-0.27)

Mean Absolute Errors in Price Predictions V Actual Prices



Results

~~'HACK'~~