Dataset used: https://makeup-api.herokuapp.com/api/v1/products.json

Agenda

* ~~Clean API into Pandas Dataset~~
* ~~Organize dataset to increasing prices~~
* ~~Created dropdown menus for both specific brands and overall brand trendset~~

Questions to Ask:

* Looking through the product tags, what company has the most affordable vegan products?
* Create a drop down menu for every product type, then alongside that create a scatterplot graph where 1) colored dots are the different companies and 2) X represents rating 3) Y represents the price

Issues while cleaning data:

* Missing values that had to be replaced with NA
* Currency was in two different units: CAD, USD, GDP
  + Converted all CAD to USD by multiplying CAD\*1.146 and converted GDP to USD by multiplying GDP \*1.3603

Assumptions made:

* Everything that has a price but **no** currency will be assumed to be USD
* Removed rows where price was **$0** since these are not real products/irrelevant products
* Everything with **no** rating got a default median rating of the product
* Everything with **no** price got a default price rating
* Since there are **no** ratings for the eyebrow, the default rating put was 4