**Background information**

This is a dataset containing a list of over 7,000 electronic products with pricing, manufacturer, product type information.

**Data dictionary**

id – unique identifier of a product.

prices\_amountmax -  The maximum price value listed.

prices\_amountmin - The minimum price value listed.

prices\_availability -  A true or false if this product is available at this price.

prices\_condition - The condition of the product when being sold at this price.

prices\_currency - The currency listed for amountMin and amountMax.

prices\_dateseen - A list of dates when this price was seen.

prices\_issale - A true/false for whether or not this price is a sale/discounted price.

prices\_merchant - The merchant and/or website selling at this price.

prices\_shipping -  The shipping terms associated with this price.

brand - The brand name of this product.

categories - A list of category keywords used for this product across multiple sources.

dateadded - The date this product was first added to the product database.

dateupdated - The most recent date this product was updated or seen by our system.

manufacturer - The manufacturer of this product.

Manufacturernumber - The manufacturer or model number of this product.

name - The product's name.

primarycategories - A list of standardized categories to which this product belongs. Category values can be found [here](https://developer.datafiniti.co/docs/possible-values-for-product-fields).

weight - The weight of the product. Units included.

A full schema for the data is available here  [support documentation](https://datafiniti-api.readme.io/docs/product-data-schema).

**Task**

Build a predictive model that can inform new merchants on the range of pricing they can potentially list their products to stay competitive in the market. Assume that the new merchants have every information except for price of the products.

* How does the prices.condition affect the pricing strategy of a product?
* Is there a correlation between the prices.dateSeen of a product and its dynamic pricing across merchants?
* What is the competitive pricing strategy for the same product from different merchants?
* What role does a product’s category play in its listing price?

**SUMMARY**

**About This Data**

This is a list of over 7,000 electronic products with pricing information across 10 unique fields provided by [Datafiniti's Product Database](https://datafiniti.co/products/product-data/). The dataset also includes the brand, category, merchant, name, source, and more.

*Note that this is a sample of a large dataset. The full dataset is available through Datafiniti.*

**What You Can Do With This Data**

You can use this data to [identify retail industry trends in pricing strategies](https://datafiniti.co/use-case/trov/). E.g.: