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D3 Project: Veggie Tales

Summary: Our idea is to visually display the gain in popularity of meat substitutes in the past twenty years. We will also show a list of the plant-based food companies and their gain in popularity over the 20-year observation period. Our next step is to pick 50 meat food products compare them to meatless alternatives and display common nutritional factors of each.

Data Plan: Pull API data from the USDA for nutritional content for meat and plant-based foods. Do data cleaning and manipulation in Python. Merge data in a Mongo DB. Use D3, Plotly, Leaflet, Flask to create visualizations.

Data Sources:

US Department of Agriculture: <https://fdc.nal.usda.gov/index.html>

Reducing food's environmental impacts through producers and consumers

Supplementary Materials:

<https://science.sciencemag.org/content/suppl/2018/05/30/360.6392.987.DC1>

GitHub Link: <https://github.com/campisicharles/D3Project>