Term Paper Abstract

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Objective: Download and analyze Global Trade Item Number data, GTIN-13 (formally called UPC), in order to gain insight on the data structure and use of this identifier for global trade partners. GTIN-13 is a unique identifier for a given product packaging level that can be linked to Brand, Product description, Packaging level, Nutrition, and more.

The project will consist of:

1. Exploratory work to understand what information is related to GTIN-13 and available for download.
2. Building a local MySQL schema and tables to host the data.
3. Downloading and installing an open source GTIN-13 database on our local database
   1. <http://www.product-open-data.com/download/>
   2. Or another site if we find something better
   3. It may involve importing a JSON database to get Brand Name information
4. Building views to query the data and produce summary statistics
5. A final report