This project requires an analysis of a Brazilian e-commerce public dataset of orders made at [Olist Store](http://www.olist.com/). The dataset has information of 100k orders from 2016 to 2018 made at multiple marketplaces in Brazil. Its features allow viewing orders from multiple dimensions: from order status, price, payment, and freight performance to customer location, product attributes, and finally, reviews written by customers. There is also a geolocation dataset that relates Brazilian zip codes to lat/lng coordinates.

This is real commercial data, it has been anonymized, and references to the companies and partners in the review text have been replaced with the names of Game of Thrones great houses.

**Datasets**

1. Customer Dataset

This dataset has information about the customer and its location. Use it to identify unique customers in the orders dataset and to find the orders delivery location.

Each order is assigned to a unique customerid. This means that the same customer will get different ids for different orders. The purpose of having a customer unique\_id on the dataset is to allow you to identify customers that made repurchases at the store. Otherwise, you would find that each order had a different customer associated with it.

1. Geolocation Dataset

This dataset has information on Brazilian zip codes and its lat/lng coordinates. Use it to plot maps and find distances between sellers and customers.

1. Order Items Dataset

This dataset includes data about the items purchased within each order.

1. Payments Dataset

This dataset includes data about the orders payment options.

1. Order Reviews Dataset

This dataset includes data about the reviews made by the customers.

After a customer purchases the product from Olist Store, a seller gets notified to fulfill that order. Once the customer receives the product, or the estimated delivery date is due, the customer gets a satisfaction survey by email to give a note for the purchase experience and write down some comments.

1. Order Dataset

This is the core dataset. From each order, you might find all other information.

1. Products Dataset

This dataset includes data about the products sold by Olist.

1. Sellers Dataset

This dataset includes data about the sellers that fulfilled orders made

1. Category Name Translation

Translates the product category name to English.