Fine Dining in Bristol

Introduction/Business Problem:

Bristol, UK, is a bustling city with a huge variety of inhabitants from different cultures and backgrounds, and with very different incomes. This project aims to guide a high-end restaurant owner in their search for a prime location for their new restaurant, based on the number and type of food outlets and high-end stores in the surrounding area and the trending (most popular) venues in the area at the current moment. The prime locations for the new restaurant will be given as the locations where high-end stores (e.g. jewellery stores, department stores etc) are trending and avoiding locations where a large number of restaurants already exist. This is to make sure that the restaurant is positioned in an area that high-income customers frequent and that there is little competition from other restaurants in the area.

Data:

This project will make use of postcode areas in Bristol, given in https://en.wikipedia.org/wiki/BS_postcode_area, in order to divide Bristol city into districts. The geocoder module in Python will be used to obtain location data for these districts. Foursquare will be used to obtain a list of venues and trending venues in each district. Districts containing a large proportion of high-end stores (e.g. jewellery stores), ideally trending, and a low proportion of food outlets will be recommended as prime locations for the new restaurant. Areas containing a lot of venues associated with low income or industry (e.g. distribution centers, fast-food restaurants) will be excluded from the list of recommended locations for a high-end restaurant.