



Investigation of 3-Star Michelin Restaurants in Major Cities

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Overview

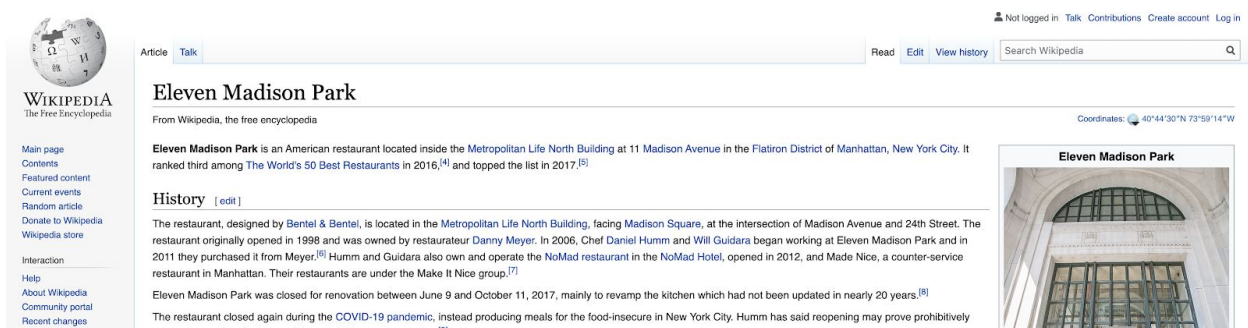
3 Star Michelin Star restaurants are considered to be the finest in the world populating some of the worlds greatest cities. In this project I will investigate the types of 3 star restaurants in New York, Chicago, San Francisco, Tokyo, France, and London based on location (neighborhood income level, proximity to others), cuisine type, and other meta data which may or may not exist (wait times, average cost per meal, etc.).

Goals

1. Prove that 3-star restaurants are typically sparse and far apart if more than one exist in a city. If 3-star restaurants are found to be unsuitable 2 and 1 star locations will be plotted as well
2. Tend to exist in high income neighborhoods

Data Requirements

Location data and reviews will be obtained from FourSquare and mapped. Location data will be webscrapped from wikipedia where possible. For example (Upper right corner):



The screenshot shows the Wikipedia page for "Eleven Madison Park". The page includes the Wikipedia logo, navigation links (Main page, Contents, Featured content, Current events, Random article, Donate to Wikipedia, Wikipedia store), and a sidebar with "Interaction" and "Help" links. The main content area has tabs for "Article" and "Talk". The title "Eleven Madison Park" is prominently displayed, followed by the text "From Wikipedia, the free encyclopedia". The coordinates "Coordinates: 40°44′30″N 73°59′14″W" are shown. The text describes the restaurant as an American restaurant located inside the Metropolitan Life North Building at 11 Madison Avenue in the Flatiron District of Manhattan, New York City. It mentions that the restaurant ranked third among The World's 50 Best Restaurants in 2016 and topped the list in 2017. A "History" section is also visible, detailing the restaurant's ownership and renovation. A small image of the restaurant's entrance is shown on the right side of the page.

Neighborhood income data will be investigated via census data, and kaggle.

Milestones

- I. Plot income data with respect to restaurant location
- II. Determine distance to closest level restaurant
- III. Find distribution of types of cuisine across the globe
- IV. Add in 2 and 3 star restaurants if necessary