10 Canada's Cities Top 10 Most Common Types of Food Venues/Restaurants and Population Origins

A Data Analysis on The Food Scenery and Its Relation to Population Origins.

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Capstone Project for the IBM Data Science Professional Certificate

As it is known and can be quantified by **data**, **population origins** and **food** have a strong **relation**.
Canada has a wide variety in both
and in restaurants as well.

But there is room for **more**...

By analysing **data** from **10** of Canada's **biggest** cities:

- 10 Cities;
- Top 10 Population Origins;
- Top 10 Most Common Restaurants;
- 2,581 Restaurants/Food Venues;
- 18,368,910 People Origins. (Canada 2016 Census)

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And using **Machine Learning** to **analyse** them in **similarity,** we found the following **insights...**
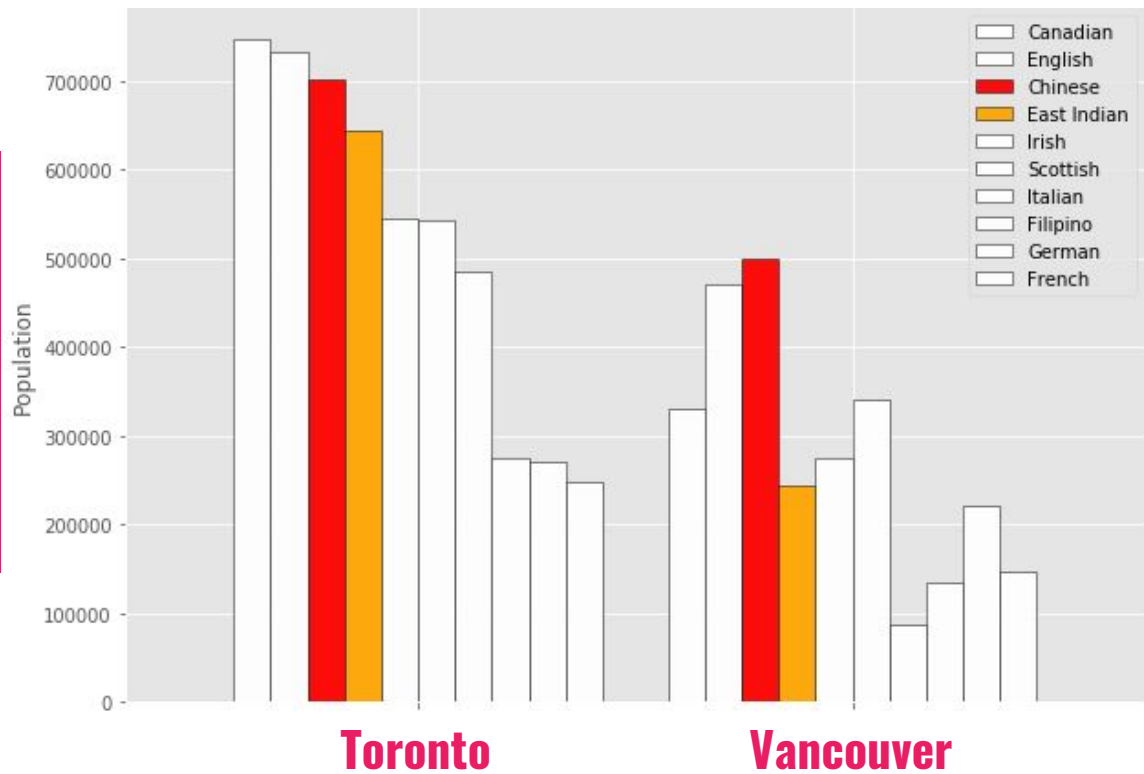
Toronto and Vancouver are the only cities in the same group in both Food Venues and Population Origin.

They are the only cities with:

- **Chinese Origins** in the **top 3** (**3rd and 1st** respectively, the closest city is Calgary in 7th);

- **East Indian Origins** in the **top 6** (**4th and 6th**, the closest cities are 9th);

- **Japanese restaurants** in the **top 2** (**2nd and 1st**) and having both **Japanese** and **Sushi** restaurants in the **top 4** (**4th and 2nd**).

That is:

Chinese Origins:
- **700,705** In **Toronto (11.95%)**
- **499,175** In **Vancouver (20.57%)**

East Indian Origins:
- **643,370** In **Toronto (10.97%)**
- **243,140** In **Vancouver (10.02%)**

Toronto

2nd most population with **Chinese** origins (3rd biggest population)
1st in **East Indian** origins (4th biggest population)
And a big taste for Asian food...
However, Chinese and **Indian** restaurants **do not appear** on the top
10 most common in **Toronto**.

A great market for new Chinese or Indian restaurants.
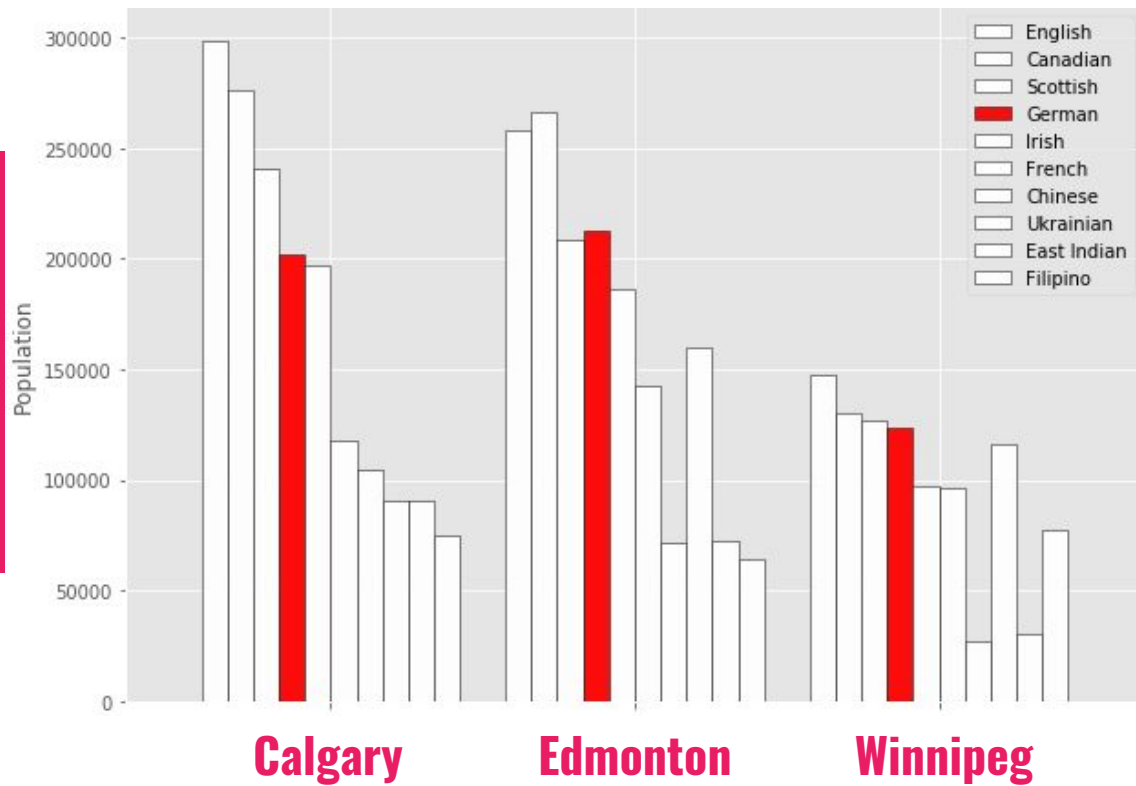
Calgary, Edmonton and Winnipeg

are in the same group in both Origins and Restaurants

They have:

- A wide variety of restaurant types in their top 10s;

- German origins in the top 4 (4th, 3rd, 4th).

That is:

201,650 in Calgary (14,67%)

213,115 In Edmonton (16.43%)

123,970 In Winnipeg (16,28%)

Although **Calgary, Edmonton** and **Winnipeg** all have **German origins** in the top 4 population origins, **they have no German restaurants in the top 10** prevalent restaurants.

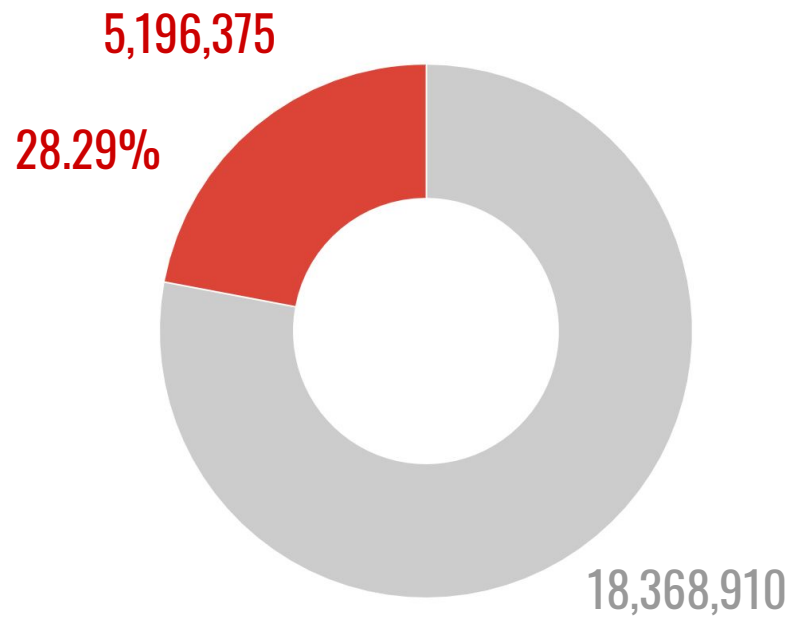Great places for German Restaurant Business.

A Big
Asian
Food Scenery:

- Different Asian Origins appear **15 times** in the Origins top 10s;

- **All cities** have Asian food on their top 10s;

- Asian venues appear **38 times** in the top 10s (in a 100 total).

From the 10 cities population **28.29%** have an **Asian Origins**

5,196,375

28.29%

18,368,910

Therefore, a strong influence of Asian cuisine in Canada, propelled by the increased immigration from those countries, results in...

A good market for various styles of asian food in those cities.

As the **data** shows, **people origins** in cities have a **strong impact** on the **dominant** and **preferred** types of **restaurants** and **food** venues in them.

Consequently, it is a **great indicator** for **food business opportunities**.

Thank You

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