DATA ANALYSIS REPORT

Finding ideal spots to setup business

REASON BEHIND CHOOSING TOURIST SPOTS

- Tourist Spots

1. Frequent Visits all Year Round

2. Tourists are both local and international. Hence spots designed around those locations are designed to suit both types of needs.

PRE-REQUISITES

- Foursquare Developer Account
- MS Excel(optional)
- pandas library
- Numpy library
- Folium library
- Geopy Library(optional)
- Google Colab or any other online software that allows us to create, modify and share python notebooks

OUTPUT

10 Most popular types of venues around our desired spot

Spot Name	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	10th Most Common Venue
Art Gallery of Ontario	Café	Coffee Shop	Vegetarian / Vegan Restaurant	Mexican Restaurant	Vietnamese Restaurant	Bar	Burger Joint	Dessert Shop	Pizza Place	Dumpling Restaurant
CF Toronto Eaton Centre	Clothing Store	Coffee Shop	Italian Restaurant	Bubble Tea Shop	Hotel	Cosmetics Shop	Café	Japanese Restaurant	Bookstore	Lingerie Store
CN Tower	Airport Service	Airport Lounge	Airport Terminal	Boutique	Boat or Ferry	Airport	Airport Food Court	Airport Gate	Sculpture Garden	Coffee Shop
Casa Loma	Sandwich Place	Café	Coffee Shop	BBQ Joint	Burger Joint	Liquor Store	Martial Arts Dojo	Metro Station	Middle Eastern Restaurant	Indian Restaurant
High Park	Gift Shop	Breakfast Spot	Italian Restaurant	Movie Theater	Cuban Restaurant	Restaurant	Bookstore	Dessert Shop	Eastern European Restaurant	Bar
Ontario Science Centre	Coffee Shop	Beer Store	Restaurant	Gym	Asian Restaurant	Supermarket	Bike Shop	Dim Sum Restaurant	Japanese Restaurant	Italian Restaurant
Royal Ontario Museum	Café	Bookstore	Bar	Japanese Restaurant	Sandwich Place	Restaurant	Bakery	Yoga Studio	Italian Restaurant	Beer Bar
Scarborough Bluffs	American Restaurant	Skating Rink	Motel	Yoga Studio	Cuban Restaurant	Discount Store	Diner	Dim Sum Restaurant	Dessert Shop	Department Store
Scotiabank Arena	Coffee Shop	Aquarium	Café	Hotel	Fried Chicken Joint	Brewery	Scenic Lookout	Sporting Goods Shop	Restaurant	Bar
St. Lawrence Market	Coffee Shop	Cheese Shop	Seafood Restaurant	Bakery	Cocktail Bar	Café	Pharmacy	Farmers Market	Beer Bar	Restaurant
The Distillery Historic District	Coffee Shop	Bakery	Park	Pub	Café	Theater	Breakfast Spot	Restaurant	Distribution Center	Electronics Store
Toronto City Hall	Coffee Shop	Café	Clothing Store	Restaurant	Hotel	Deli / Bodega	Gym	Thai Restaurant	Bakery	Bookstore
Toronto Zoo	Fast Food Restaurant	Yoga Studio	Cuban Restaurant	Discount Store	Diner	Dim Sum Restaurant	Dessert Shop	Department Store	Deli / Bodega	Dance Studio
Woodbine Beach	Steakhouse	Pub	Brewery	Italian Restaurant	Sandwich Place	Pizza Place	Sushi Restaurant	Burrito Place	Pet Store	Ice Cream Shop
Yorkdale Shopping Centre	Furniture / Home Store	Clothing Store	Boutique	Event Space	Miscellaneous Shop	Coffee Shop	Accessories Store	Vietnamese Restaurant	Airport Service	Dance Studio

RESULT

▶ Example: A Person trying to find a suitable location to setup a Coffee Shop

▶ Most Suitable Locations: Toronto Zoo, Woodbine Beach, High Park

▶ Reason: Very Low number of coffee shops in the area. Good Potential

Toronto Zoo	Fast Food Restaurant	Yoga Studio	Cuban Restaurant	Discount Store	Diner	Dim Sum Restaurant	Dessert Shop	Department Store	Deli / Bodega	Dance Studio
Woodbine Beach	Steakhouse	Pub	Brewery	Italian Restaurant	Sandwich Place	Pizza Place	Sushi Restaurant	Burrito Place	Pet Store	Ice Cream Shop

▶ Least Suitable Locations: Toronto City Hall, Art Gallery of Ontario

▶ Reason: Too many Coffee Shops or Cafes in the area. Least suitable for new businesses to flourish.

Art Gallery of Ontario	Café	Coffee Shop	Vegetarian / Vegan Restaurant	Mexican Restaurant	Vietnamese Restaurant	Bar	Burger Joint	Dessert Shop	Pizza Place	Dumpling Restaurant
Toronto City Hall	Coffee Shop	Café	Clothing Store	Restaurant	Hotel	Deli / Bodega	Gym	Thai Restaurant	Bakery	Bookstore

CONCLUSION

- The program designed works pretty well to find the rarity of the type of venues across different tourist locations.