

# CAFES IN PENANG, MALAYSIA



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# THE CAFÉ CULTURE IN PENANG

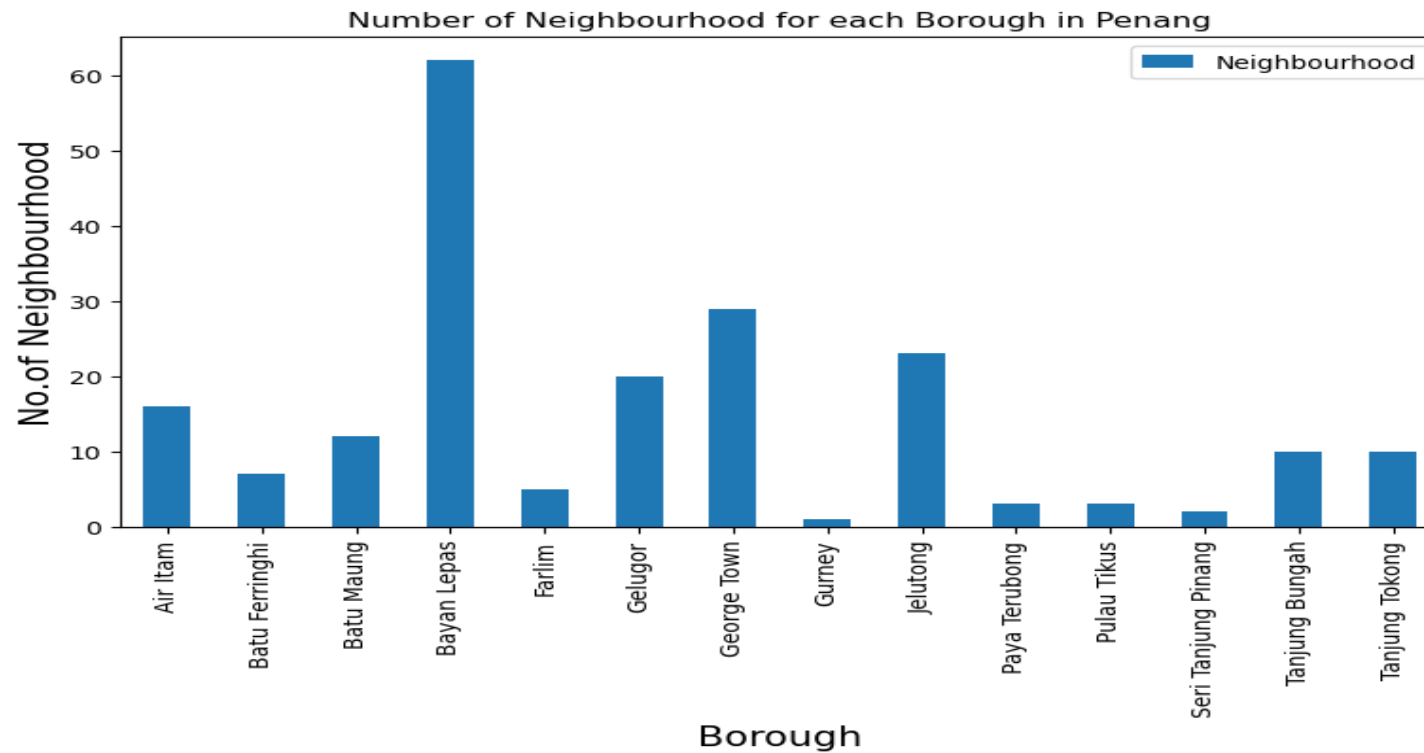
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- Penang's colonial history and architecture are second to none, and its 2008 UNESCO heritage listing really put its capital, George Town, on the map.
  - In recent years, Malaysia has developed a café culture that rivals the likes of New York, London, Paris, and Prague.
  - Penang takes its coffee seriously. There are 160 cafes in Penang.

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# DATA ACQUISITION AND CLEANING

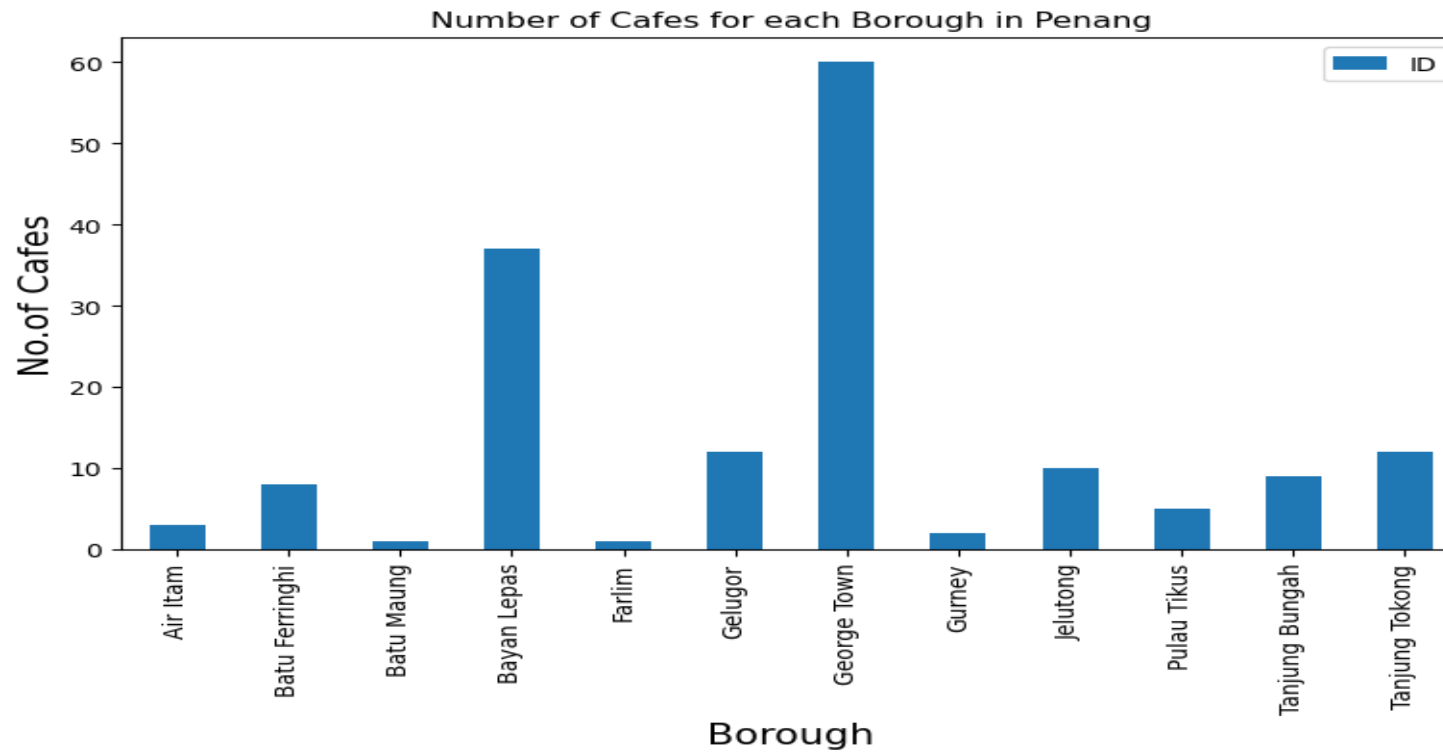
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- Using FourSquare API to find all Cafes for each neighborhood
  - Find rating , tips and like count for each Cafes using FourSquare API
  - Visualize the Ranking of neighborhoods using folium library(python)

# NEIGHBORHOODS IN PENANG



- There are total of 203 different Neighbourhoods in major city part of Penang.
- Bayan Lepas has highest number of neighborhoods.

# NUMBER OF CAFES IN PENANG



- There are 160 Cafes in major city part of Penang.
- George Town has the largest number of Cafes (Total: 60).

# TOP LIKES AND TIPS BASED ON FOURSQUARE



Borough	George Town
Neighbourhood	Jalan Perak
ID	4e2ae369aeb745b1fabcf8c0
Name	PIKNIK
Likes	519
Rating	8
Tips	251
Name: 39, dtype: object	

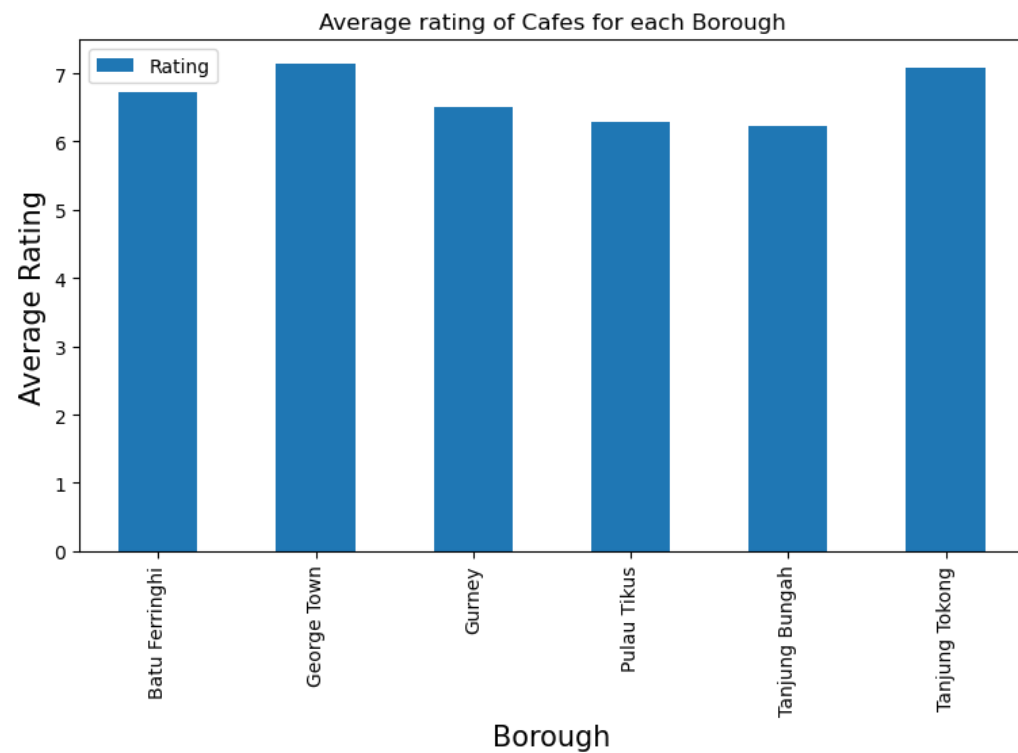
Borough	George Town
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# TOP RATING BASED ON FOURSQUARE



Borough	Tanjung Tokong
Neighbourhood	Pepper Estate
ID	59f4a11ee2d4aa7257b13d41
Name	Meraki Coffee
Likes	22
Rating	8.7
Tips	10
Name: 17, dtype: object	

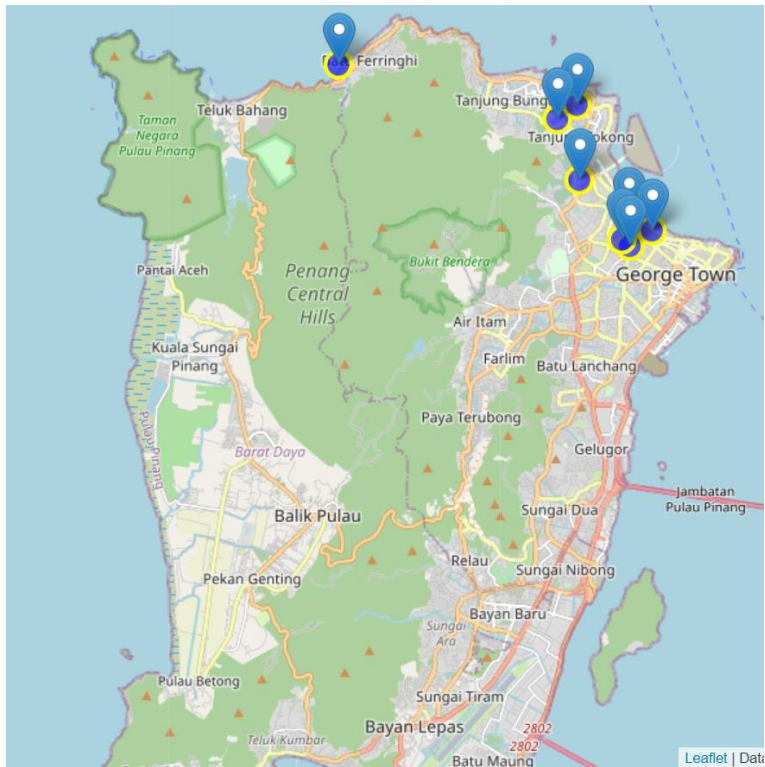
# AVERAGE RATING OF CAFES FOR EACH BOROUGH



Borough	Average Rating
George Town	7.133333
Tanjung Tokong	7.081818
Batu Ferringhi	6.728571
Gurney	6.500000
Pulau Tikus	6.280000



# NEIGHBORHOODS WITH AVERAGE RATING $\geq 7.0$



Borough	Neighborhood	Ave Rating
Tanjung Tokong	Crystal Garden	7.400
Batu Ferringhi	Feringgi Villas	7.850
George Town	Jalan Perak	7.600
George Town	Jalan Sultan Ahmad Shah	7.250
George Town	Kampung Syed	7.475
George Town	Peel Hwy	7.100
Tanjung Tokong	Pepper Estate	8.700
Tanjung Tokong	Tanjung Tokong	7.533