Lab Exercise II
Making Maps I: Introduction to Spatial Analysis, Data Visualization and Map Design

Basil R. Yap

2018 February 01

1 Part I

- **Figure 1**: 50936 meters
  In the vector layer, a new calculated field was added using in-built function
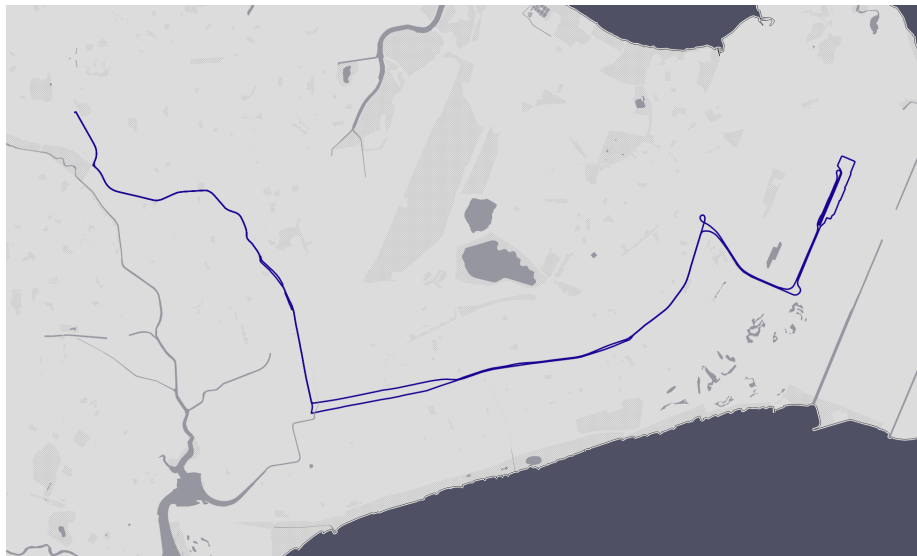 "$length".

Figure 1: Length of Line 24

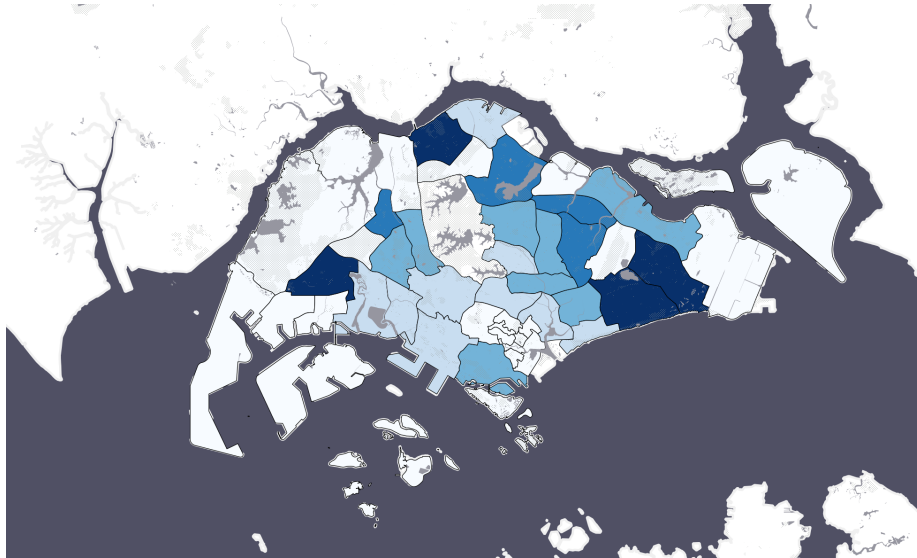- **Figure 2**: You could visualize the data using a higher granularity to show concentration at smaller scale.

Figure 2: Concentration of Population in Singapore

2 Part II
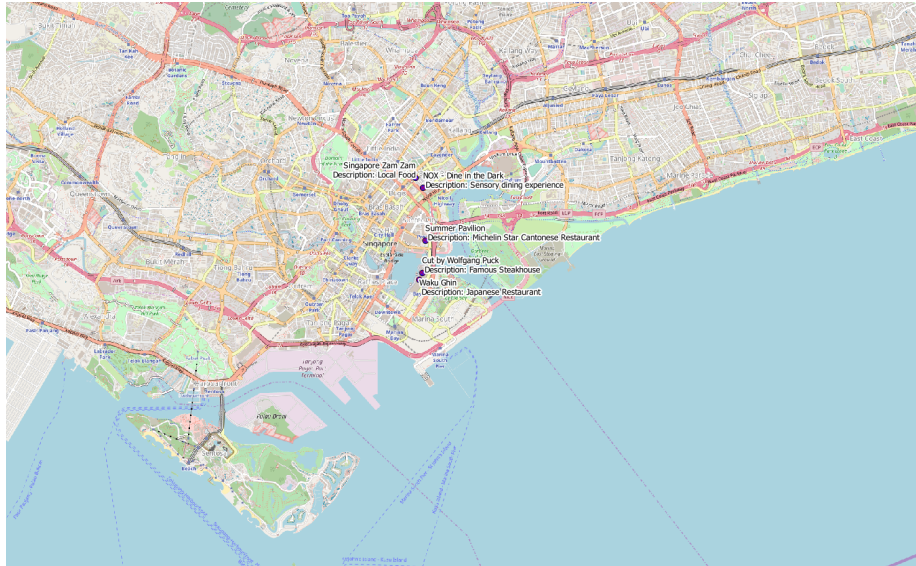
2.1 Question 1

(a) **Figure 3**

Figure 3: Top 5 Restaurants in Singapore (with Labels)
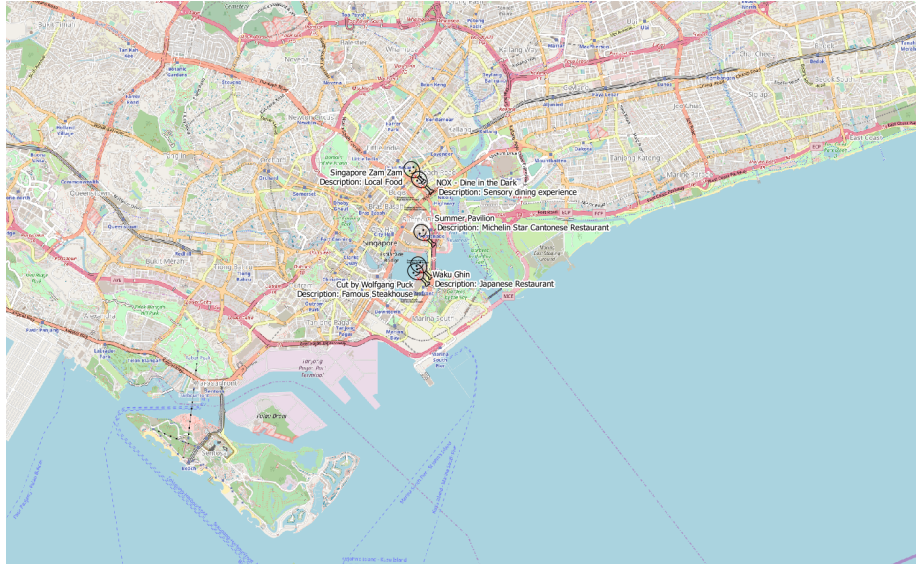
(b) **Figure 4**

Figure 4: Top 5 Restaurants in Singapore (with Icons)

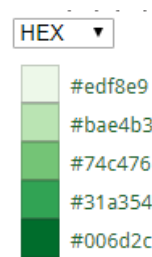## 2.2 Question 2

(a) **Figure 5**

Figure 5: Sequential Color Scale
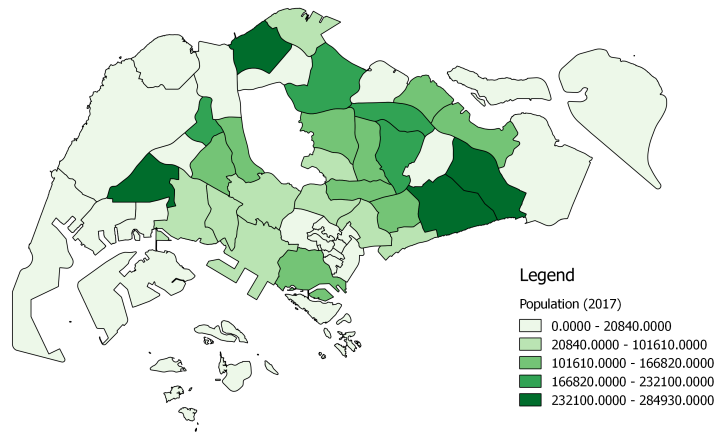
(b) **Figure 6**

Population Distribution
in Singapore

Figure 6: Population Distribution in Singapore (2017)