

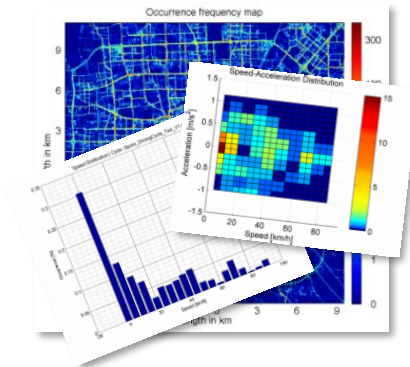
# Taxi Availability Data

27.7.2016

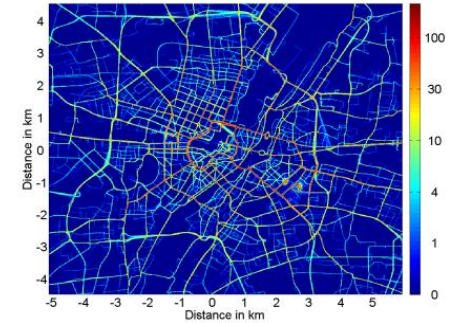
# Project Overview



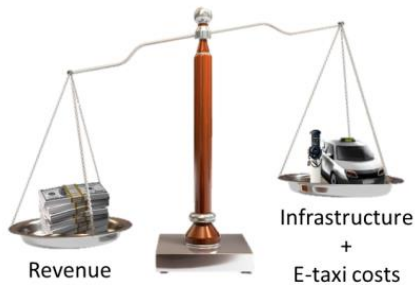
Data recording



Statistical Evaluation



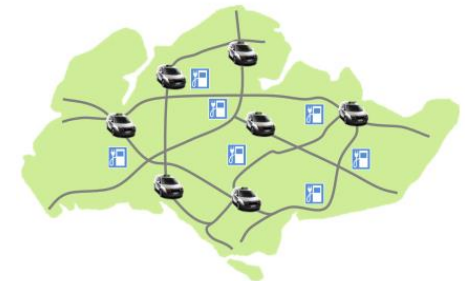
E-taxi Simulation



Economic Analysis



Driver and Passenger Survey



Infrastructure Optimisation

# Data Source

The screenshot shows the MyTransport.sg DataMall website. A red box highlights the URL in the browser's address bar: <https://www.mytransport.sg/content/mytransport/home/dataMall.html>. Another red box highlights the text "Brought to you by Land Transport Authority" in the header. The main content area is titled "DataMall" and describes the variety of transport-related data available. It is divided into "STATIC DATA" and "REAL-TIME / DYNAMIC DATA" sections. Under "STATIC DATA", there are links for "PUBLIC TRANSPORT", "GEOSPATIAL", and "FACTS & FIGURES". Under "REAL-TIME / DYNAMIC DATA", there is a link for "Request for API Access" and a list of data sets including "Bus Arrival", "Bus Stops", "Estimated Travel Times", "Road Works", "Traffic Incidents", "Bus Routes", "Carpark Availability", "Faulty Traffic Lights", "Taxi Availability", "Traffic Speed Bands", "Bus Services", "ERP Rates", "Road Openings", "Traffic Images", and "VMS / EMAS". A red box highlights the "Taxi Availability" link in the list.

URL: [https://www.mytransport.sg/...](https://www.mytransport.sg/)

Provided by LTA

Open source data

Taxi Availability data set

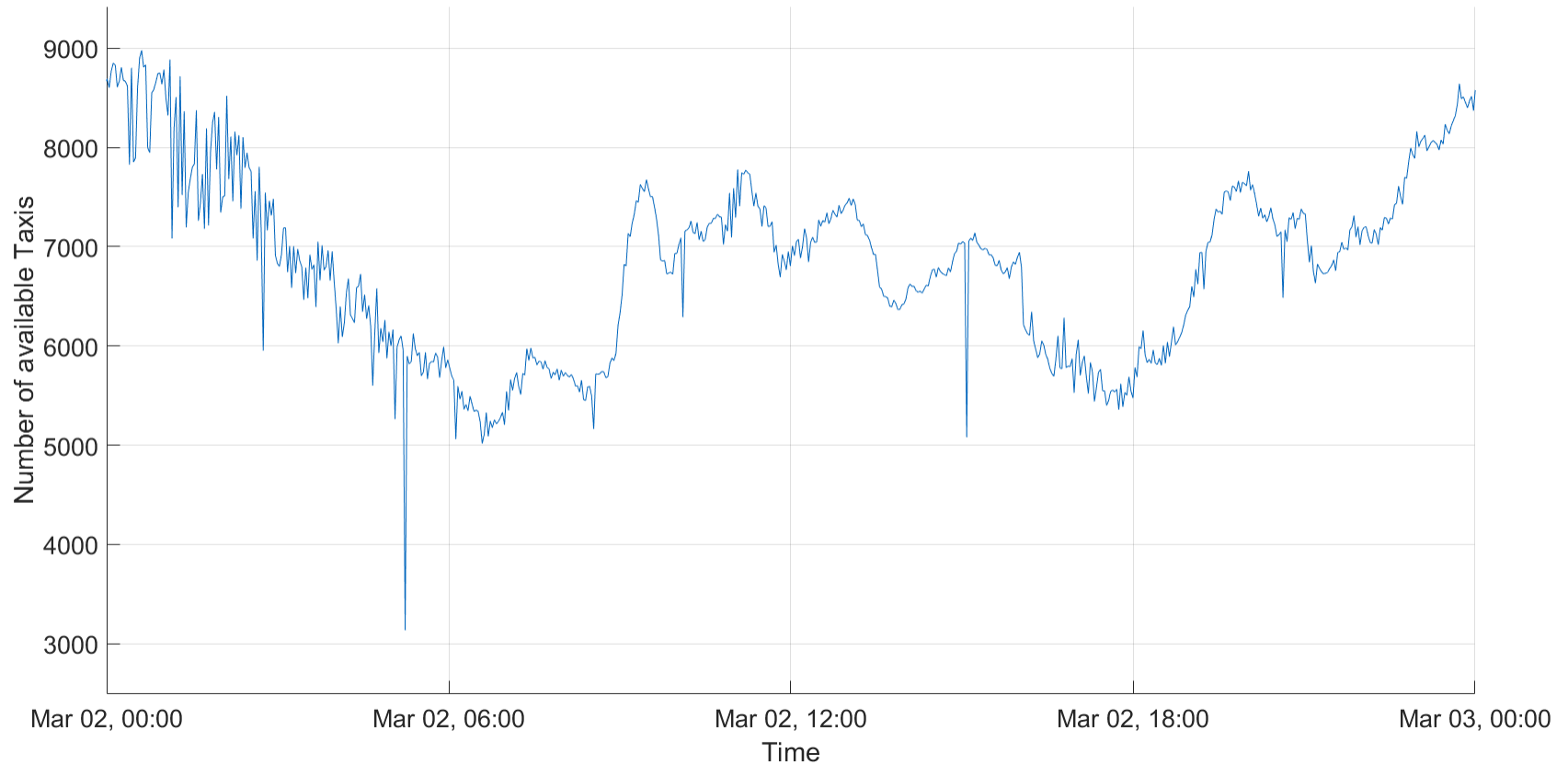
## 3.5 TAXI AVAILABILITY

URL	http://datamall2.mytransport.sg/ltaodataservice/TaxiAvailability	
Description	Returns location coordinates of all Taxis that are currently available for hire. Does not include "Hired" or "Busy" Taxis.	
Update Freq	2 mins	
Response		
Attributes	Description	Sample
Latitude	Latitude location coordinates.	1.35667
Longitude	Longitude location coordinates.	103.93314

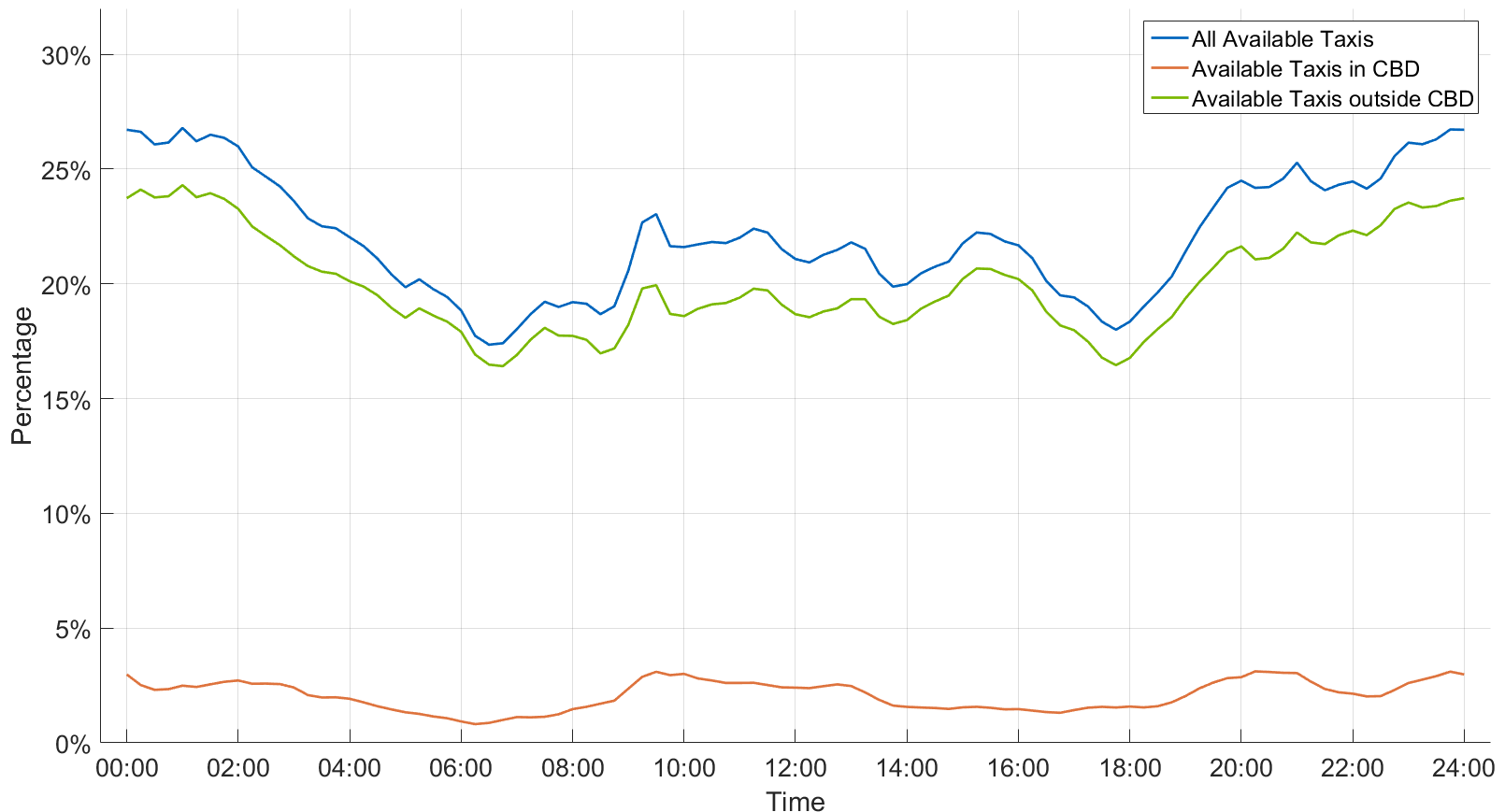
- Data contains only position of available taxis
- Recording duration: 22.2.2016 – 29.3.2016
- Recording frequency: 1/120 1/s
- Number of taxis: probably all taxis in Singapore (28,258)
- Number Data Points: 147,107,283



# Number of available taxis

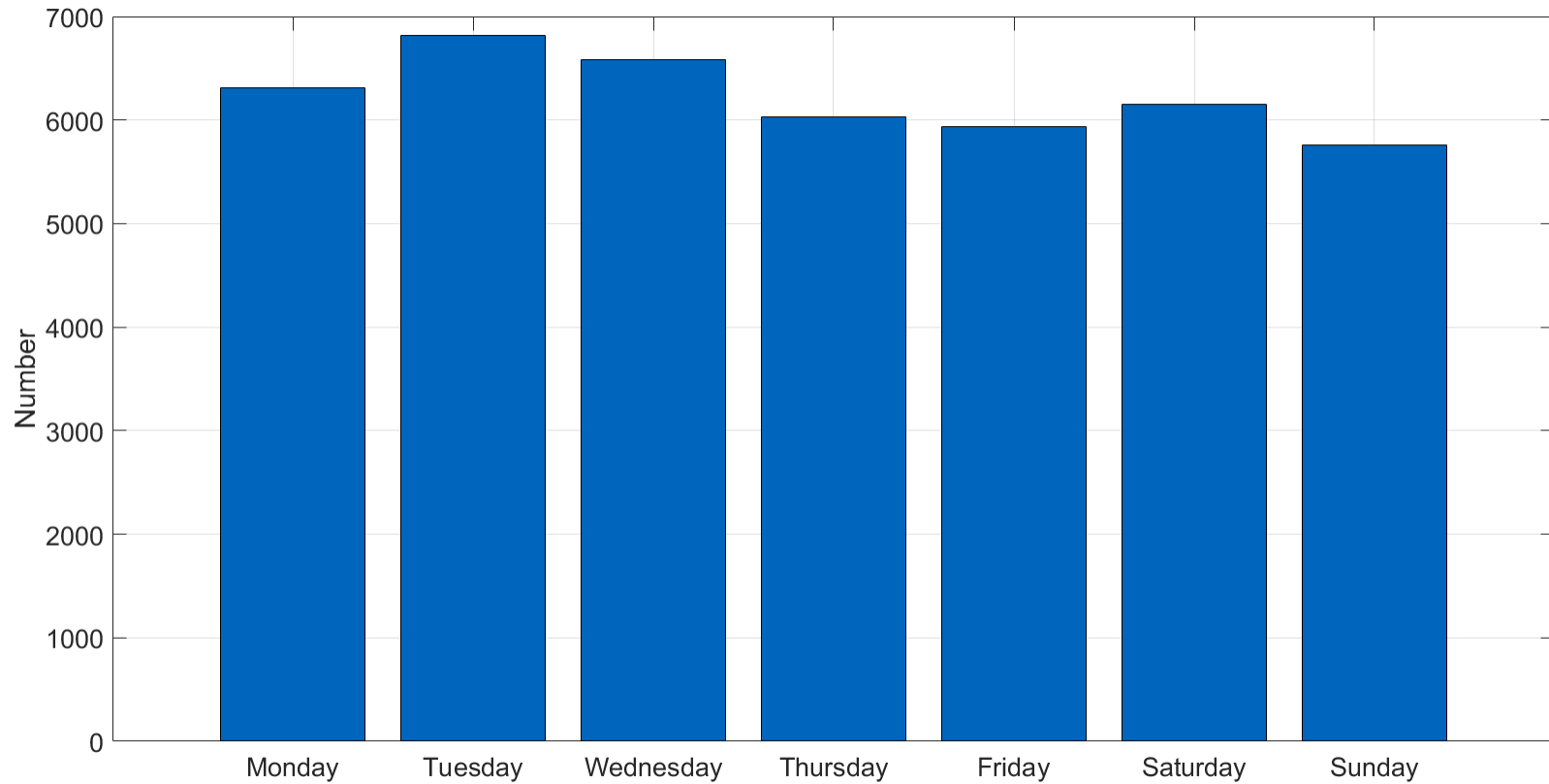


# Percentage of available taxi fleet

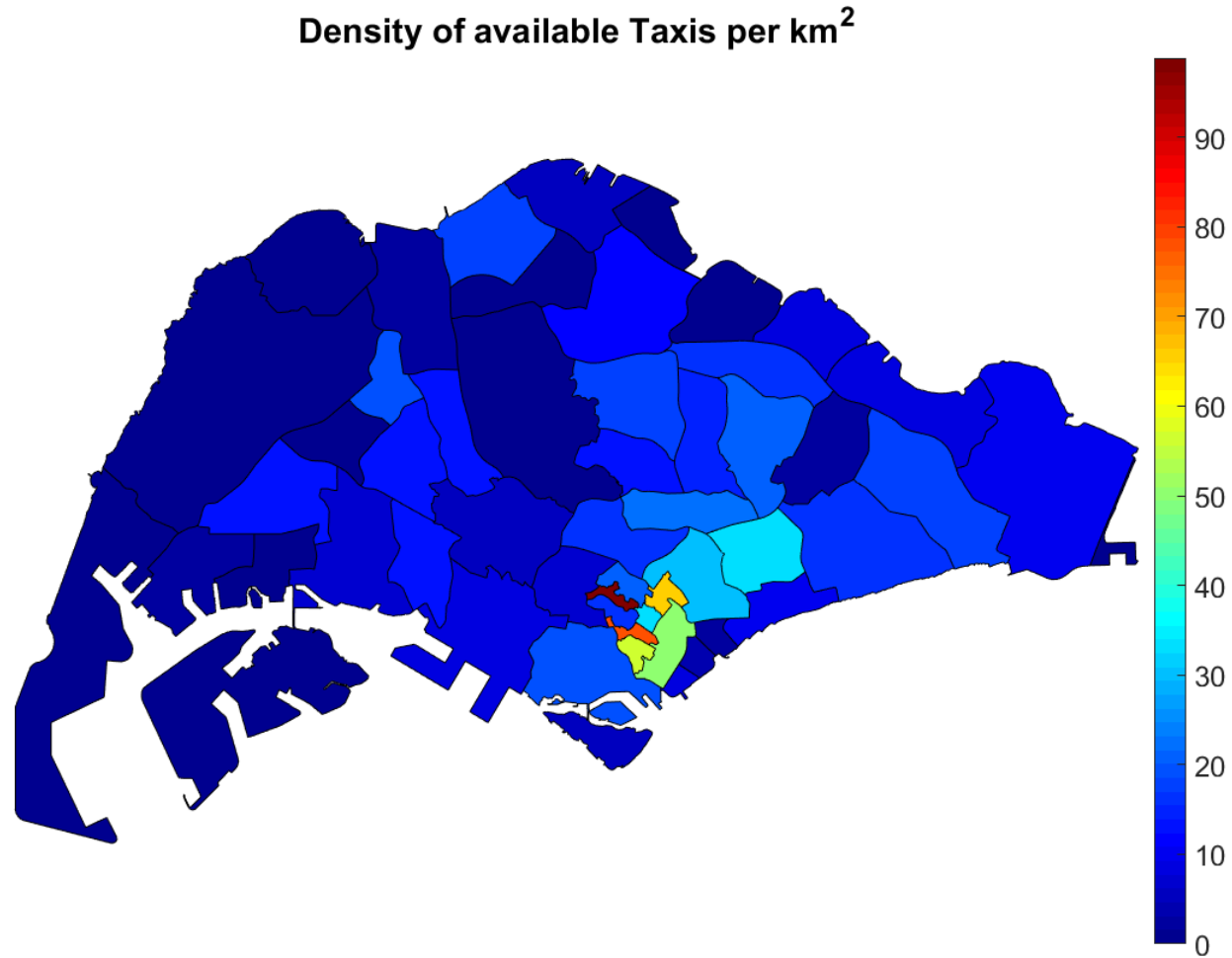


Average percentage of all available taxis: 22.0%  
Average percentage of available taxis in CBD: 2.1%

# Average number of available Taxis per Weekday







# Thank you for your Attention

