

# Issue Datasets for Update Published Cases

The data science team needs to maintain old cases. Include:

API updates, data updates, and analysis results are updated.

Use online data to replace local files to improve lesson reproducibility.

However, when updating old cases, some problems may occur, causing members to be confused or encounter difficulties. Listed below are problems you may encounter.

## External data sources (non-City of Melbourne data)

### LGA local file

local government areas (LGA) file Melbourne city administrative area map. The old local files are available in GitHub but no expiration date is provided. The City of Melbourne does not provide this file, and VIC does not provide downloads without an account. Therefore, we use documents from the Australian Bureau of Statistics. The code has been given and the file name is Online LGA\_map.ipynb. Please go to [datascience/usecases](#) to view it.

### Population local file

Population data files are provided by the Australian Bureau of Statistics. This document comes from Regional population: <https://www.abs.gov.au/statistics/people/population/regional-population/latest-release>

### Urban Heat and Heat Vulnerability Index (HVI)

This data is provided by VIC: <https://www.planning.vic.gov.au/guides-and-resources/data-and-insights/cooling-and-greening-melbourne-map> The data cannot be downloaded. After retrieving the data There is no data after 18 years. Now provided by VIC Energy, Environment and Climate Action

### Traffic accident local file

The data source for the local csv file of traffic accident cannot be found. The guessed source is the Transport Accident Commission (TCA).

## City of Melbourne data

### Pedestrian Network

This data was used in some cases. The data used is historical data in Alternative exports. Non-zip files provide raw data. The extended data provides 19 years of analytical data, with detailed classification of roads and cost simulation calculations. Cannot be replaced directly.

### On-street Parking Bay Sensors

This data is sensor data. There may be historical data from several months ago, but it is essentially snapshot data. The data will be updated in real time, and the new status will replace the old one. Historical data is an illusion.

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