Urban Big Data Centre

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Data Profile – CCTV data

Introduction

The Glasgow CCTV Automated Object Detection counts dataset provides counts of pedestrians and vehicles from CCTV cameras located within the Glasgow City Council area.

The council has agreed to make this data available as open data under the Open Government Licence.

To facilitate access to the data, and to encourage its use in widespread analyses, apps and dashboards, UBDC colleagues developed a RESTful API.

Scale and Extent

Field	Value
Data Owner	Glasgow City Council
Analytical Units	Counts of pedestrians and vehicles
Data Format	JSON, CSV
Temporal Extent	30/11/2019 - to current
Geographical Extent	Glasgow City Council

Citation Information

This dataset is available for use under the Open Government Licence. If you wish to use the data you must acknowledge its source by including or linking to the attribution statement below.

Glasgow CCTV Automated Object Detection Counts, Glasgow City Council / Urban Big Data Centre at the University of Glasgow, 2022, copyright © Glasgow City Council 2022.

Data Access

The is classified as Open Data and can be accessed from the API

Audience

Data of interest to researchers who would like information about transportation in Glasgow.

Content

The API provides quarterly or half an hour counts of pedestrians and vehicles in JSON format, updated once daily since the project started with four cameras on 30th November 2019. The API can be used to obtain:

- All counts for all dates and all cameras;
- All counts for a specific location/camera;
- All counts for a specific time period;
- All counts for a location and time period (inclusive);

It is also possible to download all data in CSV format.

Full documentation on the use of the API endpoints is available from the API landing page.

Method of collection

Counts of pedestrians and vehicles collected from within Glasgow City Council area.

Related Datasets

Strava data

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Field Level Metadata

Field Name	Description
timestp_UTC	e.g. 14/06/2022 22:08:39
Location	Street
Car	All counts of cars for a specific location/camera
Person	All counts of persons for a specific location/camera
Bicycle	All counts of bicycles for a specific location/camera
Motorcycle	All counts of motorcycles for a specific location/camera
Bus	All counts of buses for a specific location/camera
Truck	All counts of trucks for a specific location/camera