

AO7 Principal Data Analyst Interview Practical

Purpose: Demonstrate the ability to produce data visualisations and commentary around a selected crime trend, based on QPS data

Selected analysis is the impact of the Queensland COVID-19 travel restrictions on "Other Theft", aka Theft without threat or use of violence.

Connects directly to data downloaded from QPS's [interactive data visualisation tool](#), as [data.qld.gov](#) does not have corresponding regional crime data 2024.

Datasets

Queensland Police Service (QPS)

1. Queensland Crime Statistics - Advanced Link: <https://mypolice.qld.gov.au/queensland-crime-statistics/>
Filters:
 - Offence type: Other Theft (excl. Unlawful Entry)
 - Date range: [2019-11-01, 2024-09-30]
2. QPS Regions: Geographic data Link: <https://www.data.qld.gov.au/dataset/qps-regions> Filters: None

PowerBI

- Calendar

Measures and Calculations

Measure	Defintion
Change	Post COVID volume - Pre-COVID restriction volume Offences(Aug24) - Offences(Jan2020)
Offences	Sum of offence count, by region by month
Last refreshed	Last time PowerBI checked for new data
Latest data	Date of most recent data point

Configuration