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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)
 - o 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

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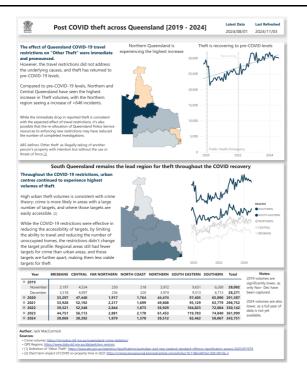
Pages

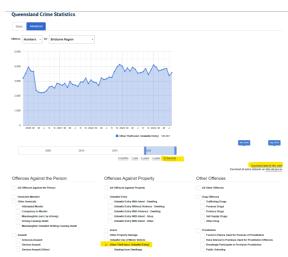
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Data Model



