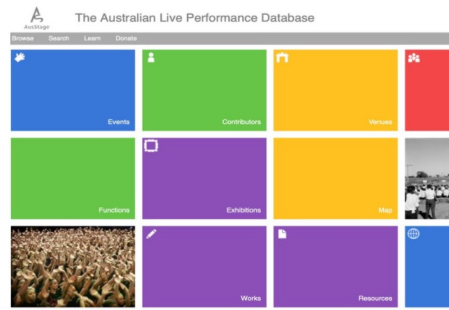


Visualising spatiotemporal trends of cultural hotspots in Australia

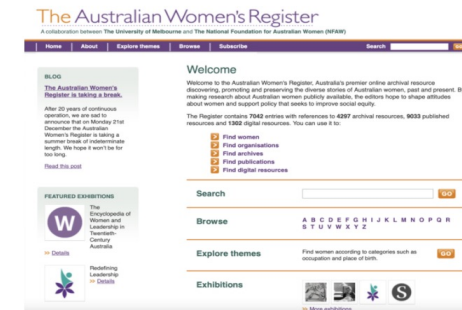
Justin Munoz (ACD-E) & Shaun Busuttil

ACD ENGINE

- The Australian Cultural Data Engine (ACD-E) for Research, Industry & Government
- ARC LIEF based at the University of Melbourne (LE210100021)
- Kicked-off August 2021
- Project runs through August 2023
- **"Putting cultural data to work"**
- 10+ project partners across Australia & the UK
- Building a bridge between HASS, GLAM and Industry & Gov.
- <https://www.acd-engine.org/>



AusStage



Australian Women's Register



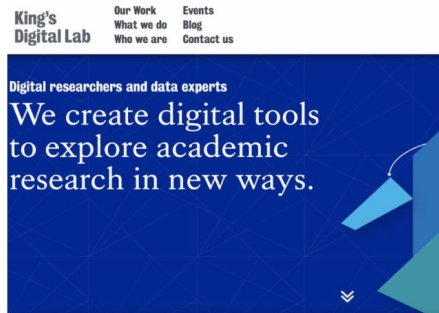
Circus Oz Living Archive



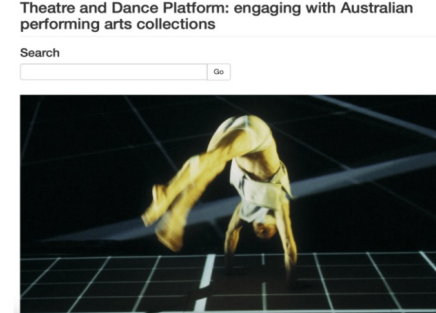
Data Co-Op for Social Impact and Well-Being



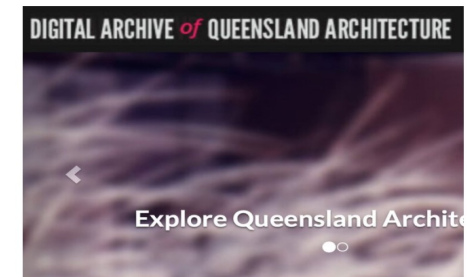
Design and Arts Australia Online



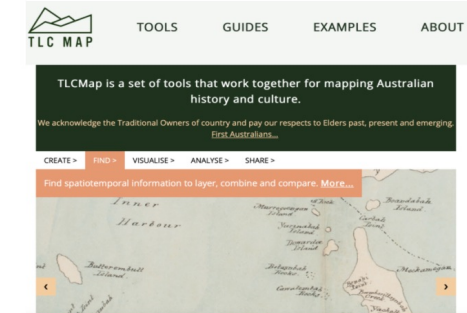
King's Digital Lab



Theatre and Dance Platform



Digital Archive of Queensland Architecture



Time-Layered Cultural Map



Western Australian Folklore Archive

Data & Project Partners



Working in the Arts: Women, Careers & Creativity

Cultural Hotspots & Local Scenes

Cultural Diffusion & Arts Diplomacy

Environmental Politics & the Arts



Cultural Hotspots & Local Scenes

Data about small scale clusters of cultural activity gives us unique insight into the social, political, and artistic values of cities, suburbs, neighbourhoods and regions.

Tracing the formation, concentration and convergence of local scenes provides opportunities for better understanding the ways that cultural data are tied to local knowledges, place and people.

To understand the ebbs and flows of arts and cultural organisations, their artistic networks and patterns of influence to facilitate key insights into the dynamics of local scenes.





We consider **new data and methods** that allow us to understand the process of 'scene' formation.

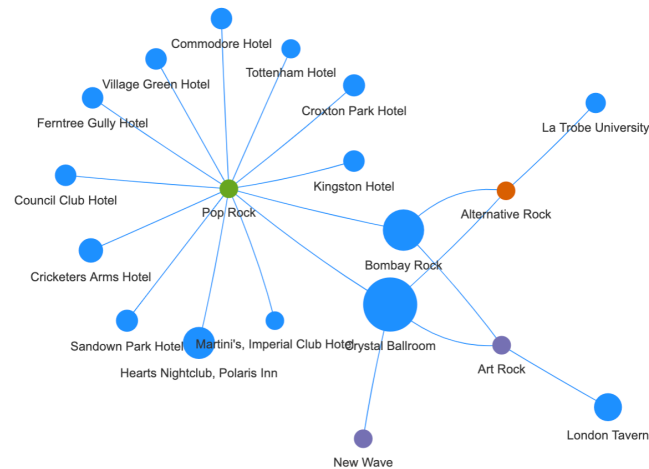
What constitutes a **scene**, and what factors influence their formation?

What makes a **period** of artistic activity resonate historically?

How do **buildings or venues** become iconic, and what leads to their success or failure?

To answer these questions, we examine the nature of the formation and dissolution of music scenes, and the multitude of factors that impact the rise and fall of venues over time.

Quantifying cultural hotspots



setlist.fm

Discogs™

Spotify®

Trends in activity

- YoY change
- Suburb
- Artist
- North/South of the river

Spatiotemporal changes

- TLC
- Clustering
- Genre
- Acoustic attributes

Networks

- Venue-Genre
- Venue-Artist

Scraping exercise

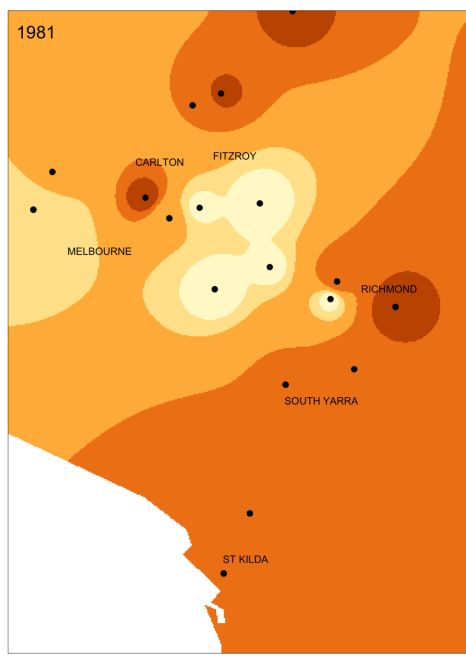
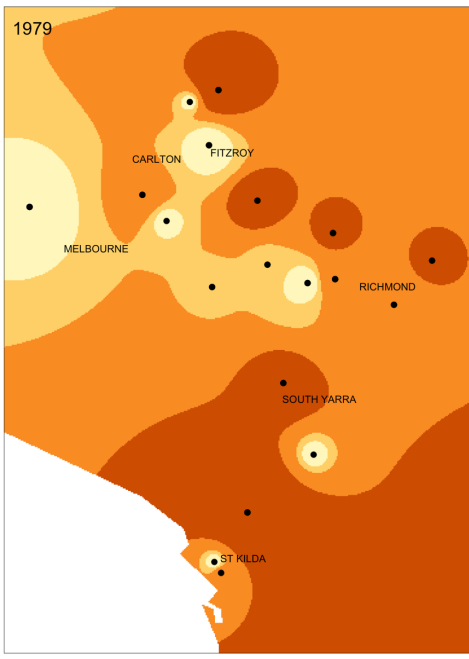
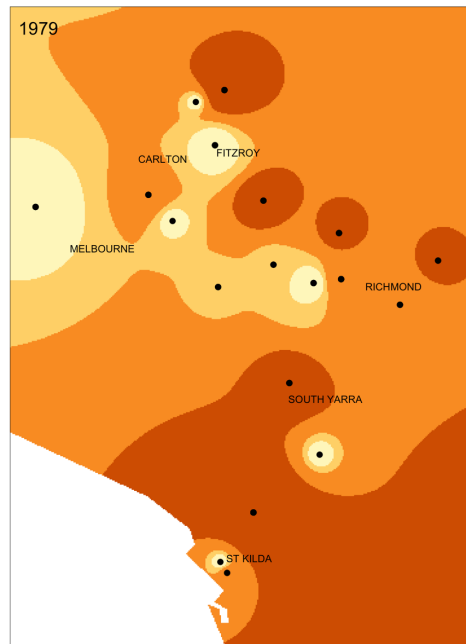
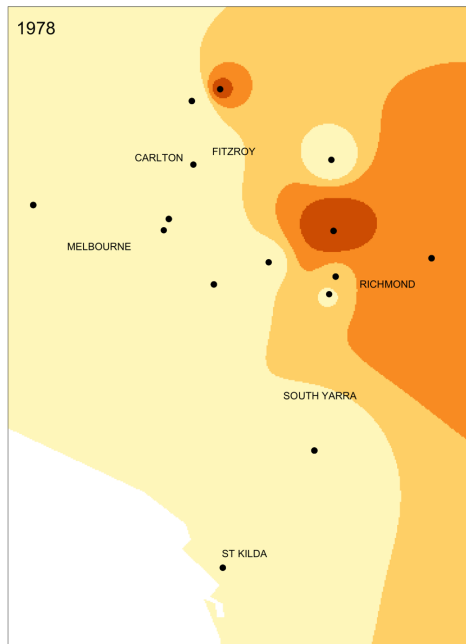
The logo for setlist.fm, featuring the text "setlist.fm" in white lowercase letters on a solid green rectangular background.

What you will need: Gmail account

Colab link: <https://colab.research.google.com/>

Github link:

<https://github.com/justinadrmun/TLCWorkshop/blob/main/FetchSetlistdata.ipynb>



**Thanks for
listening!**