

Step 0 - Coherent Indifference

10:38am Saturday 30 August 2025

Let's assume that I have no singular goal for GovHack, yet consider that my awareness and general familiarity of the competition remains relevant to my sustainment of a low energy state that i in balance with my environment.

First up, I'd casually attend the kick off and see who is there. Any competitors to my own interests, or any low hanging fruit to secure in terms of client opportunities?

I'm not saying this is what I did, or what I'm doing, but I'm not really expecting anything either. As such, this would be my general low energy state of participating.

After this, seeing as I signed up as a competitor, I may as well look at the challenges for the ACT... so here they are, listed below.

I do have something I'm trying to 'elevate' myself into, so perhaps I can use something here to get e a little higher. Perhaps something here might help me raise my awareness and confidence of this general threat I have felt creeping up on my interests for several years. Perhaps there is something here that will help me to place another defensive stone and protect my interests, or another stepping stone from which I can raise up to see a little further ahead.

This is where I stand. This is superstition, my automated 'knock on wood'.

To myself, I think, I'll load this into Gemini 2.5 Pro, prefaced with this narrative and then knock on that fourth wall to see what comes back. The prompt for Gemini is as follows:

##begins Gemini - can you consider my narrative above, my role as the visionary at Link Digital, a co-steward of CKAN, and as someone trying to get the Ground State Configuration (GSC) Model validated in some way to then progress the opendata.ai and opendata.ly platforms via what it would resolve to be an info-logical approach to solving the 'big challenges' of our day.

Given the challenges listed in this document below, which of these would be best for me to tackle in a manner that the GSC Model lens would, in effect, become its own self-referential validation for its employment as a tool for the current day.

I'm thinking, in particular, of 'objective observer' public interest data, as might be generated via opendata.ai and an experimental proof of concept. But, I'm also just thinking of the way in which 'inference' can only be considered as a precedent to an effective AI model's machine learned reasoning if the data itself that is used for training the model was selected via careful observation and discernment within controlled environments. I am also thinking of the non-info-logical expectation that AI models would represent an opportunity to provide a sculpted historical authority for any dynamic and emergent real time situational analysis.

Can you take all of this into consideration and rank the following challenges, with suggested projects I might respond with, such that I can demonstrate the explanatory power of the GSC Model lens?

I do have some preferences here, which is to remain in control of what I can co-construct via Gemini 2.5 and Cursor, and seek to deliver impact within myself as much as possible. This is an approach I used for the Global Data Barometer Dataviz Challenge, where I made my process of learning about the dataset

as transparent as possible, such that my own journey with 'co-constructing' something with data was in itself the 'visualisation'.

Along with this document, which contains this prompt and the list of challenges below, I have loaded a set of reference documents that provide a solid outline of the Ground State Configuration (GSC) Model. I would like to to conduct deep research via first assessing the GSC Model against current leading theories that aim to explain quantum gravity, then consider the specific theory of the GSC model, which is an 'It from Qubit' theory that is situated within the approach of Causal Set Theory yes proposes to solve the 'hard problem' of a path integral that would select for manifold-like causal set histories. A critical review of this specific claim within the GSC Model is most important, as this is critical to the entire model's explanatory power in other information systems.

After this stage of deep research on the GSC Model, I want you to then consider the challenges listed below, along with the broader supplementary GSC Model documents uploaded, to rank and propose which challenge I might respond to for the GovHack competition.

##ends

Optimising Transport Networks for School Kids

How can we leverage graph analytics, generative AI and other data approaches to optimise public school transport networks to make it simple to get the next generation of students to school with less hassle?

#Reimagining-school-transport-networks

Eligibility: Open to all, although special consideration will be given to teams with a lead based in ACT. Contestants are strongly encouraged to use multiple sources of data including datasets outside of those listed below.

[Go to Challenge](#) | 0 teams have entered this challenge.

Nation Wide (Australia) Challenges

An Accurate and Trustworthy Chatbot for Data Interactions

How can government agencies deploy conversational and analytical AI to interrogate complex datasets while maintaining the high degree of accuracy and auditability standards required for official decision-making?

Ask your data, trust the answer

Eligibility: Open to all, but special consideration will exist for teams with a local NT lead.

[Go to Challenge](#) | 0 teams have entered this challenge.

Data-Driven Reduction in Gambling Harm for Stronger Community Resilience

How might we use public data to understand and reduce gambling harm in our communities — from protecting young people online to identifying at-risk neighbourhoods and addressing the long-term impacts on families and social connection?

#Protecting-communities-from-gambling-harm

Eligibility: Open to all, but preference given to teams with a lead in VIC. At least one dataset from data.vic.gov.au must be used. Your proposal must clearly address the challenge.

[Go to Challenge](#) | 0 teams have entered this challenge.

Delivering the 20-Minute Neighbourhood Plan

How might we use open data to understand and improve the ways people move, work, and access services — creating neighbourhoods that are more liveable, inclusive, and resilient?

#Accessible-communities

Eligibility: Open to all, but preference given to teams with a lead in VIC. At least one dataset from data.vic.gov.au must be used. Open data on transport networks, amenities, planning permits, green spaces, demographics, and mobility patterns is suggested but creativity in dataset usage and sourcing is strongly encouraged.

[Go to Challenge](#) | 0 teams have entered this challenge.

Enabling Better Community Housing and Infrastructure Planning

How might we use multiple public datasets, including building permits, to guide communities in planning for housing and services in their local communities— from understanding areas of housing stress to anticipating the impact of future developments on community access, services, and social connection?

#Building-Victoria's-future

Eligibility: Open to all, but preference given to teams with a lead in VIC. At least one dataset from data.vic.gov.au must be used.

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Australia (National) Challenges

Better Questions for Brighter Futures

How might we demonstrate that a powerful new Constructive Modelling Paradigm and Framework for multi-disciplinary discovery can help people solve problems more effectively?

Solving problems before they become problems

Eligibility: Open to everyone. Submissions should use at least one government data source.

[Go to Challenge](#) | 0 teams have entered this challenge.

Bridging Social Divides: Bringing People Together to Strengthen Social Connections

How can we bring people together from diverse backgrounds to communicate respectfully, even when they hold opposing views?

#Strengthening-social-connections-for-community

Eligibility: Open to all. At least one government dataset must be used.

[Go to Challenge](#) | 0 teams have entered this challenge.

Closing the Gap on Indigenous Outcomes

How can we develop new ways of analysing Closing the Gap and government datasets to identify patterns and inform targeted interventions that accelerate progress toward equity for Aboriginal and Torres Strait Islander peoples?

#Indigenous_outcomes #Data_equity

Eligibility: Open to all. Proposals should demonstrate clear potential to improve outcomes for Aboriginal and Torres Strait Islander peoples.

[Go to Challenge](#) | 0 teams have entered this challenge.

Community AI Agents: Bridging Service Access Gaps

How can we design Agentic AI solutions that autonomously assist residents in discovering, accessing, and engaging with local government and community services?

#Empower #Connect #Include

Eligibility: Open to all. Your solution will be measured against its relevance to the theme, practicality and scalability, whether it follows ethical and inclusive design, and its innovation. You must use at least one Government dataset.

[Go to Challenge](#) | 0 teams have entered this challenge.

Connecting New Citizens to Australian Democracy

How might we design new ways to strengthen sense of belonging, civic knowledge and community connection for people engaging with democratic systems and services for the first time?

#Democracy-in-practice

Eligibility: Open to all. Submissions should use at least one government data source.

[Go to Challenge](#) | 0 teams have entered this challenge.

Data Centres: A Cornerstone of Australia's AI Future

How can we analyse Australia's infrastructure, energy, and geographic data to select locations and operational strategies that will position Australia as the Asia-Pacific's leading AI and cloud computing hub?

#Data-centres-for-2050

Eligibility: Open to all. Teams should use at least one government dataset in their solution, with preference for creative combinations across different data types (infrastructure, energy, telecommunications, geographic, climate, economic, or planning data). Proposals should include clear methodologies for data integration, analysis algorithms, and implementation planning with consideration of real-world deployment challenges

[Go to Challenge](#) | 0 teams have entered this challenge.

Making AI Decisions Understandable and Clear

As government agencies and businesses increasingly use AI to improve services and efficiency, how can we create tools that help them communicate AI usage clearly, build public trust, and demonstrate responsible AI implementation?

#AI-transparency-toolkit

Eligibility: Open to all.

[Go to Challenge](#) | 0 teams have entered this challenge.

Navigating Australia's Data Landscape

Can you connect data users with the right data to answer their questions?

Eligibility: Open to contestants from any State. At least one dataset from the ABS must be used.

[Go to Challenge](#) | 0 teams have entered this challenge.

Proactive, Personalised Tax Experience with AI

How can the ATO use AI and/or data integration and linking to create a tailored tax experience where compliance is easy and improves financial wellbeing? That can enable tax to 'just happen' for all Australians regardless of financial literacy.

#Your-tax-just-happens

Eligibility: Open to everyone. Use at least one ATO data set from the datasets below but you are encouraged to also look at <https://data.gov.au/data/organization/australiantaxationoffice> or other related sources. Submissions will be assessed based on the insightfulness of the solution, relevance to the ATO's goals, innovation, design impact, feasibility, and compliance with ethical AI standards.

[Go to Challenge](#) | 0 teams have entered this challenge.

The Red Tape Navigator

How might we help businesses and individuals identify and navigate overlapping or conflicting regulations within and/or across local, state, and federal levels of government?

Cut through the maze of overlapping rules

Eligibility: Contestants must use at least one Commonwealth dataset and may also choose to integrate it with state and/or local government datasets. In cases where AI is used, additional bonuses will be awarded for conforming with the AI Technical Standards design statements.

[Go to Challenge](#) | 0 teams have entered this challenge.

Using AI to Help Australians Navigate Government Services

How might we use AI to make it easier for people to access, understand and engage with the government services and supports they need - when they need them?

#Smarter-services

Eligibility: Open to all. Additional bonuses are available for ideas that are consistent with the AI Technical Standards design statements.

[Go to Challenge](#) | 0 teams have entered this challenge.

International Challenges

Digital Confidence: Tools for Safe Online Participation

How can communities, governments and organisations enhance digital safety and trust to protect vulnerable populations and enable secure, meaningful engagement with digital platforms and data?

#Navigating-the-digital-seas

Eligibility: Open to all. Your solution will be measured against its relevance to the theme, practicality and scalability, whether it follows ethical and inclusive design, and its innovation. You must use at least one Government dataset.

[Go to Challenge](#) | 0 teams have entered this challenge.