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Australasian Legal Information Institute

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Smart AI: AustLII's DataLex turns NSW gaming Regulations into code in 24 hours

Artificial intelligence (AI) has the capacity to improve everyone's ability to use and understand legislation, and to make government regulation more user-friendly. The Australasian Legal Information Institute (AustLII), Australia's national provider of free access to law has a long involvement in AI research.

What we need is good examples of the advantages AI can bring to law. AustLII therefore congratulates the NSW government, and the NSW Rules as Code team, for releasing for public use an AI-based app on Gaming Regulation in NSW, at <https://www.fairtrading.nsw.gov.au/community-gaming/community-gaming-regulation-check>. It is a valuable application, aimed at giving a simple and clear answer to the general public concerning what types of gaming activities are allowed. It is a step forward for Australia.

AustLII has its own DataLex AI software, which facilitates the development of applications that aim to provide comprehensive advice on similar questions of regulatory compliance. In the 24 hours since we learned of the NSW government app on the Community Gaming Regulation 2020 (NSW), we have built a DataLex demonstration application on the same Regulation. It is still being tested and improved, but already gives a comparative demonstration of how different AI software can provide applications suiting different audiences.

It is at <http://austlii.community/foswiki/DataLex/CommunityGamingRegKB>

This DataLex demonstration app aims to give a detailed legal explanation of how the gaming regulations work. It includes these features:

- The complete **Knowledge-base code** is openly available, in understandable English-like coding language.
- The code is **simple to write**, by lawyers, legislative drafters and others familiar with legislation, and other legal rules.
- '**Why?**' gives an explanation of every question asked by the app, linked back to specific sections of the Regulation.
- '**How**' explains every interim conclusion reached by the app.
- **Names** of individuals, organisations and activities (as provided by the user), personalise questions and explanations, providing better context and increasing user comprehension.
- The **Report** at the end of the app consultation is a full explanation (facts and law) of how the final answer was reached.

AustLII's DataLex software is developed in Australia by AustLII as a new frontier of 'free access to law', for public benefit. Use of the software is available to those who wish to advance the public interest in access to law such as free legal advice providers. Other uses can be developed, on application, for business and industry, and for government, academic and research purposes.

More information on AustLII's DataLex R&D is at <http://austlii.community/foswiki/DataLex/>

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