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Australia invests in Generative AI technology to address health and medical challenges

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Innovation Challenge that aims to lead to the development of Ã¢â?¬Ë?winning' innovative Generative AI solutions



A total of $937,312 has been awarded to nineteen Western Australian (WA) innovators to promote creative solutions through the application of Generative Artificial Intelligence (AI) technology to address significant health and medical challenges in the following four streams:

1. health and medical research
2. health and medical innovation
3. healthcare service delivery
4. health and medical education and training

The Innovation Challenge – Generative AI Applications builds the capacity and capability of WA innovators to leverage the strengths and opportunities presented by Generative AI.

Generative AI refers to a category of AI algorithms that generate new outputs based on the data they are trained on. The algorithms can be applied to create new content, including audio code, images, text, simulations and videos.

The Challenge is based on two stages, which aim to lead to the development of ‘winning’ innovative Generative AI solutions, and the implementation of these in WA.

Stage 1- Funding of up to $50,000 is being made available to support feasibility activities that involve the use of Generative AI in solving an identified problem, in one of the above four streams.

Stage 2 - Stage 1 grant recipients will then have the opportunity to apply for Stage 2, with one ‘winner’ in each of the streams being awarded up to $500,000 to fully develop the solution and implement this in WA.

The Challenge is funded by the Future Health Research and Innovation Fund which provides a secure source of funding to drive health and medical research, innovation and commercialisation.