

## News & Comments

# Does the AI system have a secret language?

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On-demand creation of "creative" images is now possible with the help of artificial intelligence models. Creative content creation is evolving as a result of companies like Imagen, MidJourney, and DALL-E 2.

Aaron J. Snoswell, a Post-doctoral Research Fellow, Computational Law & AI Accountability, the Queensland University of Technology in a blog post explained that thought the results of such models are astonishing but how they are produced is yet to be known.

A little while ago, in an intriguing claim, US researchers claimed the DALL-E 2 model might speak a secret language. He went on to explain that researchers concluded that DALL-E 2 believes *Vicootes* means "vegetables", while *Wa ch zod rea* refers to "Sea creatures that a whale might eat" by prompting it to create images containing captions.

The author explains that DALL-E 2 doesn't have its secret language, but rather, has its vocabulary. But this answer is not 100% accurate because it's too early to make any claim. After all, only a few scientists have access to such models, and the shared images are hand-picked by humans. Moreover, among those with access to such models, there are only limited ways, with which they can interact with the AI modes. Because of this, AI-based methods for explaining the workings of these systems cannot be applied, and systematic investigations of their behaviour are difficult.

### KEYWORDS

Artificial intelligence (AI), Deep Learning, Machine learning, Machine learning algorithms, AI, DALL-E 2

