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Ivan Bratko is professor of computer science at University of Ljubljana. He has conducted research in several areas of AI, including machine learning, qualitative modelling and reasoning, intelligent robotics, heuristic methods, and various applications of machine learning in medicine and control of dynamic systems. Recently, he became interested in the issues of ethics of Artificial Intelligence, including Explainable AI and bias of Machine Learning. He has participated in related activities in UNESCO and GPAI (Global Partnership for AI). Professor Bratko has published many scientific papers in AI and a number of books, including Prolog Programming for Artificial Intelligence (Addison-Wesley/Pearson Education, 4th edition, 2012). He is member of SASA (Slovene Academy of Sciences and Arts), Fellow of EurAI (European Association for AI) and member of Academia Europaea.

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Recent advances in AI, particularly in generative AI, have enabled numerous and important applications in general areas like education, science, health care, translation. Many analyses predict that these applications will substantially affect the nature of human work. These changes will depend on to what extent this technology achieves so called Artificial General Intelligence, which will be discussed in my contribution. One aspect that might be insuficient is the ability to reason.