Generation AI: Tools for AI Education

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In the landscape of AI education, it is important to equip students with the tools and understanding to navigate and create within AI-driven environments. This talk introduces two educational tools designed to presents AI concepts and use them in practical applications: GenAI Teachable Machine and Somekone.

The GenAI Teachable Machine is a no-code mobile app studio that lets young learners to work with machine learning by creating their own AI-driven applications. This tool simplifies the complex processes of machine learning into a user-friendly environment. Students can train models using their own data, experiment with various AI actions, and deploy their creations as standalone mobile apps, fostering a hands-on understanding of supervised learning and AI workflows.

Somekone immerses students in the realm of social media algorithms. Its Instagram-like interface allows learners to explore the mechanisms behind data collection, user profiling, engagement metrics, and content recommendation systems. This tool is aimed at demystifying how social media platforms tailor user experiences, and it provides a platform for discussing the ethical and societal implications of AI technologies in classroom settings.

Together, these tools offer entry points to introductory AI topics. We discuss the pedagogical approaches and classroom uses of these tools in a separate talk.