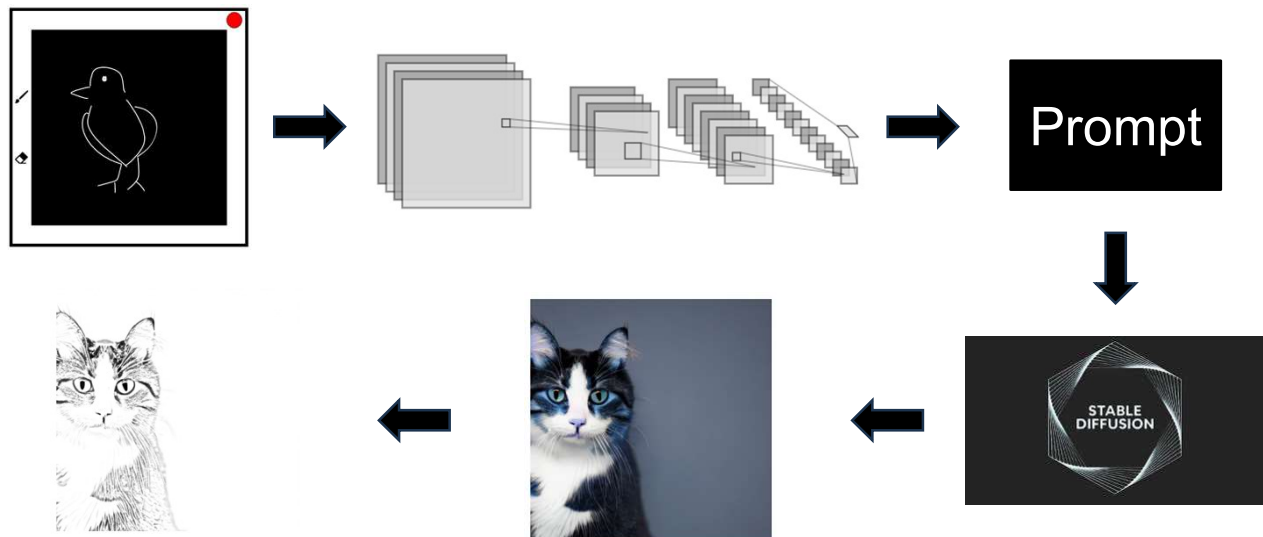


Artificial Intelligence Meets Art

Doodle-to-Sketch: An educational AI art tool

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Project Objectives:

To explore the area between art, AI and education, this project aims to create an inexpensive educational tool for young children to learn how to sketch. Using a doodle, an animal doodle classifier will predict the label for the doodle, which when incorporated as a prompt, will be used as input to an AI image art generator. The generated images will be converted into sketches with image processing techniques, from which young children can learn from.

Pipeline:

1. Drawing UI
2. Doodle Classifier
3. AI Art Generator
4. Sketch Image Processing

Sketches from User Study:

