

HOW AI SENSES THINGS / DIGITAL DISCOVERY LAB



Sketch an object while AI guesses what it is. See how a model learns from millions of human drawings.

Quick, Draw! Data

Explore the drawings behind the game. Compare how people draw the same object and why examples matter to AI.

Magic Sketchpad

Begin a doodle and let machine learning continue it. Watch a computer predict the next lines.

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Gesture Live: Video

COMPUTER VISION

Watch hands control music through a webcam. Spot the gestures that become digital commands.

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Gesture Live

HAND TRACKING

Make music with your hands, without a mouse or keyboard. Explore computer vision and movement recognition.

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Jasper Bernaers

CREATIVE CODING

Discover experiments combining code, sound and gesture tracking. See how movements can become instruments.

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Plink

INTERACTIVE MUSIC

Move your mouse to create music with others. Find out how a computer turns position into sound.

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Tonecraft

PATTERNS + SEQUENCES

Arrange colourful blocks to build music. Experiment with how patterns and positions change sounds.

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Chrome Music Lab: Rhythm

ALGORITHMS + REPETITION

Create repeating beats for animated musicians. Discover how ordered instructions make rhythms.

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Chrome Music Lab: Kandinsky

INPUT + OUTPUT

Draw shapes and hear them become sounds. See how programmed rules turn pictures into music.

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Chrome Music Lab

CREATIVE COMPUTING

Explore music through sound, patterns and maths. Try several interactive experiments.

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Blob Opera

AI + MACHINE LEARNING

Direct four colourful opera singers. Hear singing generated from patterns learned from real voices.

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Groove Pizza: Tutorial

RHYTHM + ALGORITHMS

Watch a quick lesson on creating drum patterns. Learn how timing and repeated sequences build beats.

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Groove Pizza

MATHS + MUSIC

Make drumbeats around a circular pizza. Explore fractions, patterns and repeating sequences.

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Patatap

EVENT-DRIVEN PROGRAMMING

Press keyboard keys to trigger sounds and animations. Discover how inputs control interactive art.

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REMEMBER: NOT EVERY CLEVER COMPUTER PROGRAM USES AI!