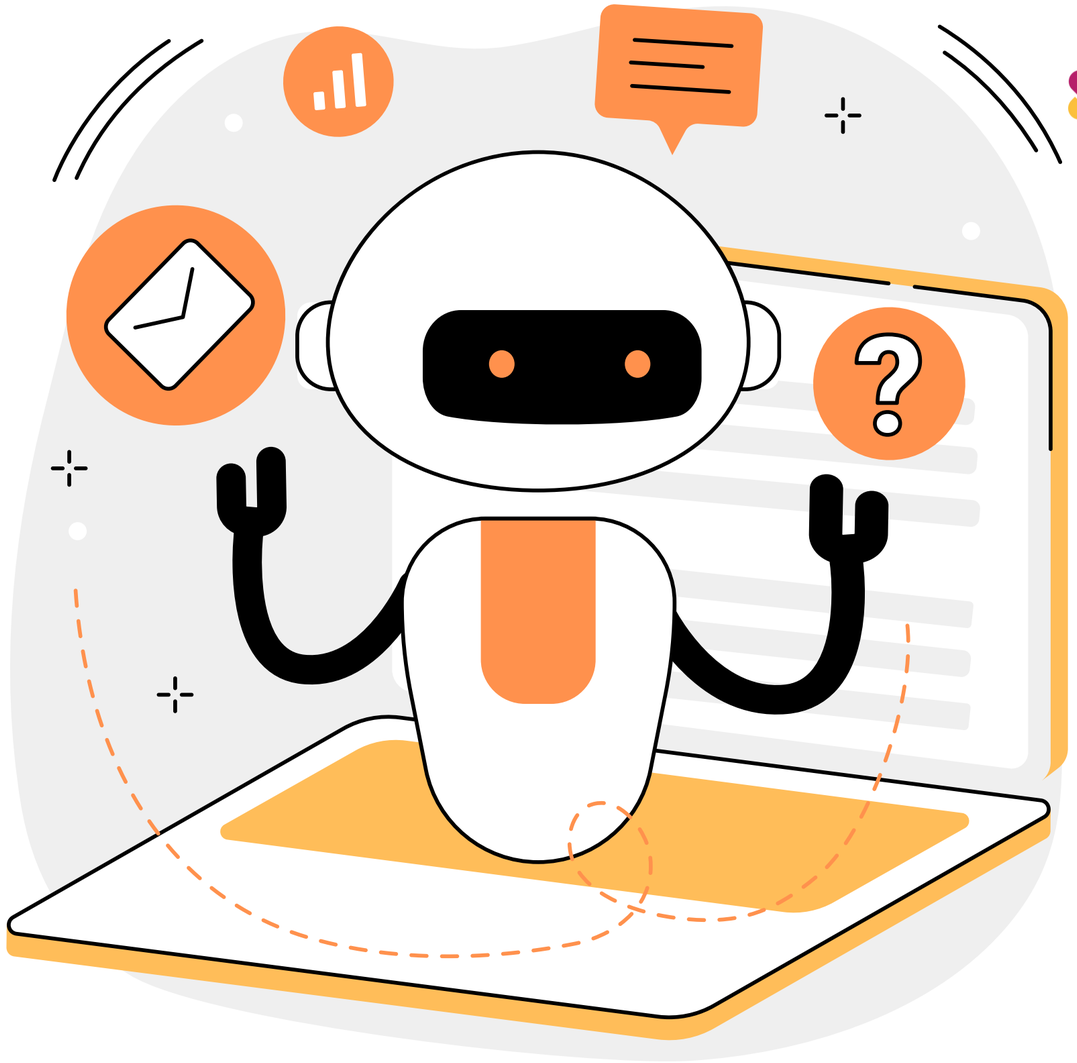


eucap

AUTSCAPE

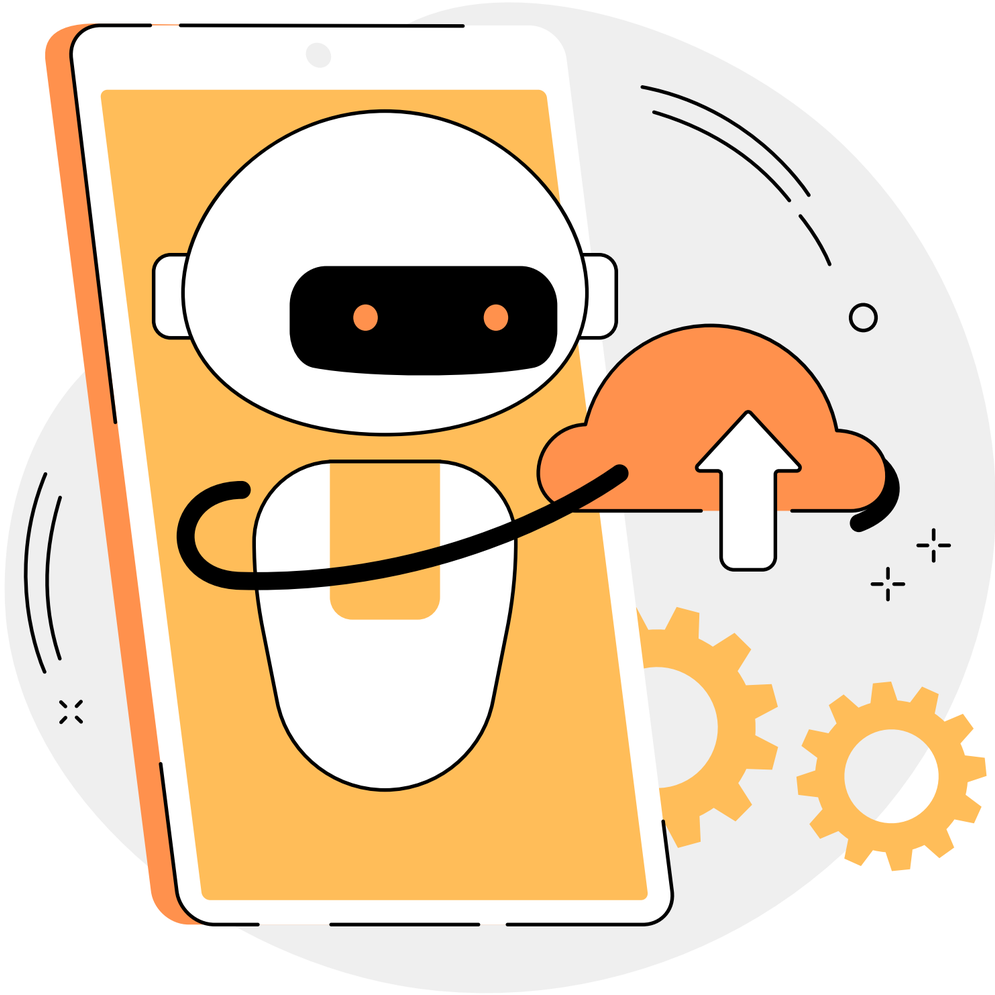
ARTIFICIAL INTELLIGENCE

For Autistic Joy

WHAT IS ARTIFICIAL INTELLIGENCE?

Google defines **Artificial intelligence (AI)** as a field of science concerned with building computers and machines that can reason, learn, and act in such a way that would normally require human intelligence or that involves data whose scale exceeds what humans can analyze.

There are many concerns and opportunities regarding the use of AI to support and accommodate autistic people.



ARTIFICIAL INTELLIGENCE AND THE RIGHTS OF AUTISTIC PEOPLE (AIRA)

The AIRA project is a two-year project (2023-2024) that maps the uses of artificial intelligence affecting the lives of autistic people and builds up the capacity of autistic people to advocate for themselves. This year we are organising webinars, developing a toolkit on AI & autistic people's rights and training for advocates.

Managed by the European Council of Autistic People and funded by the European Artificial Intelligence & Society Fund.

AUTISTIC JOY

Autistic joy' describes a very intense feeling of joy and excitement experienced by autistic people when engaging with specific things and situations.

WHAT BRINGS YOU AUTISTIC JOY?

Join menti.com and use code 2698 3359.

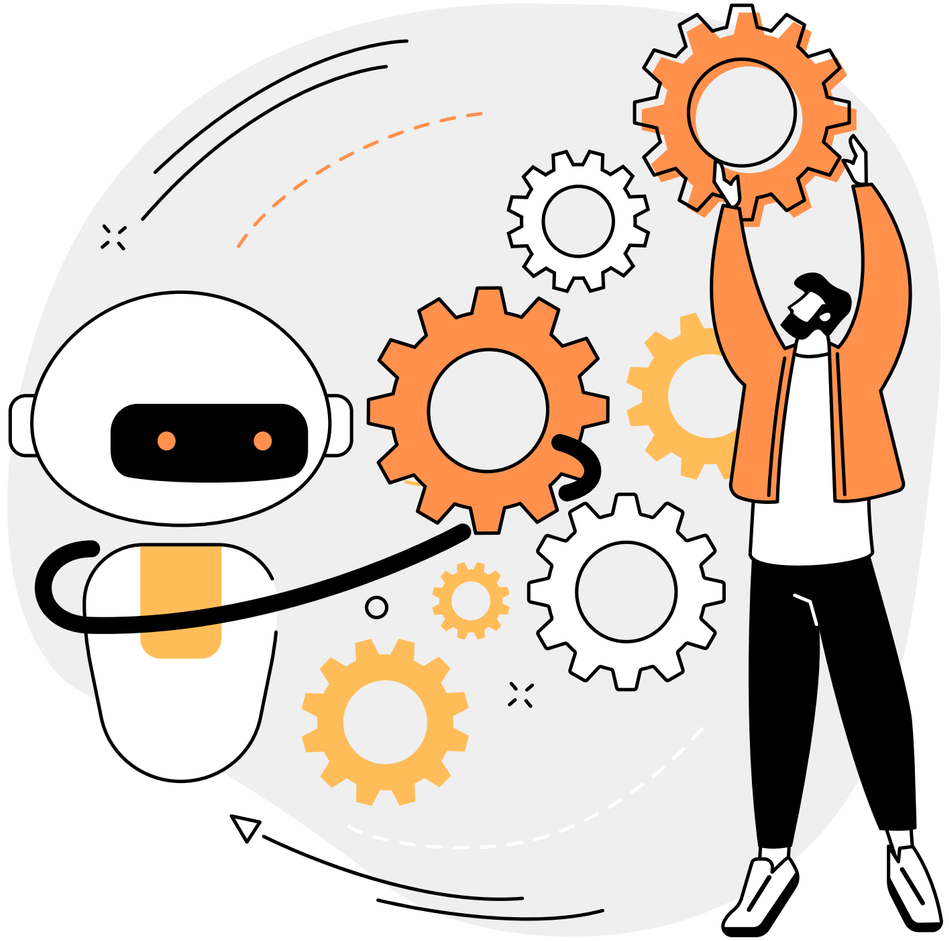
EXAMPLES OF AI: HYPERFOCUSING AND INTERESTS

ChatGPT

Gathers information, finds related resources, does role-playing, improves emails and text, and many others.

Khan Academy

Educational platform using AI to personalize learning experiences



Otter AI

Transcribes meetings and creates notes, automated summaries and task lists.

Speechify

Text-to-speech software that reads text aloud. It can read aloud books, articles, and other written materials. It has a tool for ADHD.

EXAMPLES OF AI: VISUAL ARTS

Adobe AI

Helps modifying and improving photo quality, generates images and art.

DeepArt Effects

Transforms photos into artwork in the style of famous artists.

DALL-E 3

Creates images and art from text descriptions, allowing for creating custom artwork, visualising ideas, templates for art, and others.

Artivive

Create and share augmented reality tool for art

Artbreeder

Create images, characters, artworks and more. Free access.

Krita

A free, open-source digital painting software.

‘Stimming’ by Elrond @fantasy_writer_shark in Night Cafe.

EXAMPLES OF AI: MUSIC/WRITING

Endel

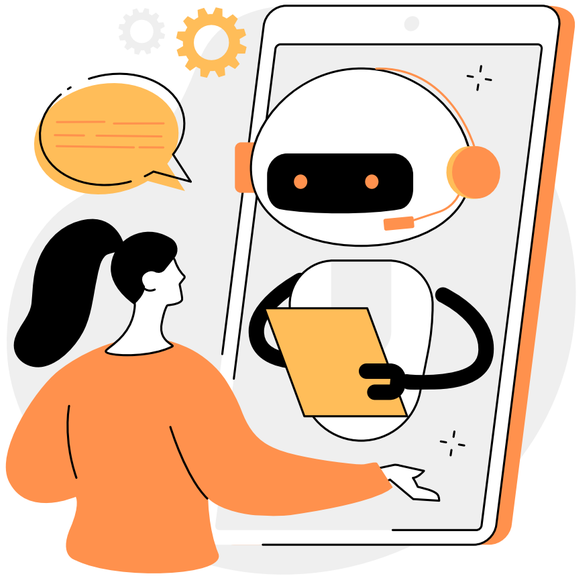
Creates personalized soundscapes to help with focus, relaxation, and sleep.

Meludia

Music education platform to explore and learn about musicality.

Audacity

Free, open-source audio editor with noise reduction, audio cleanup, and many other tools.



Sudowrite

Assists writers with brainstorming ideas for their books, such as with character development, and plot generation.

Grammarly

Writing assistant for grammar/spell-checking and sentence rephrasing.

Alibaba AI tool

Generate a digital picture book with audio narration for autistic children. Open-source code available.

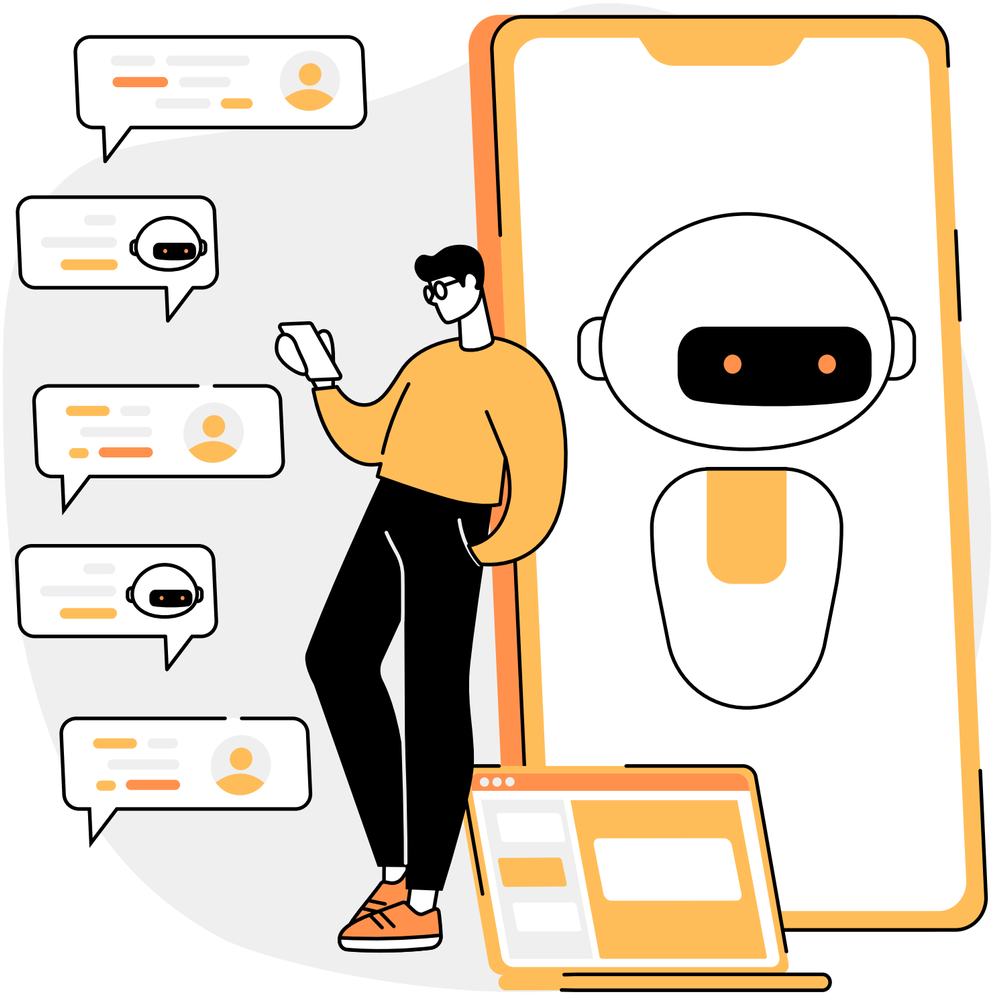
EXAMPLES OF AI: COMMUNITY CONNECTION

Discord

AI-driven features can support in noise suppression, moderation bots, and personalized content recommendations.

Discourse

Forum system with threading, categorization and tagging of discussions, moderation and other AI-driven features.



Night Cafe

Platform for AI Art Community to create, share and discuss AI art.

Gaming AI mods

Using of AI to modify popular games and make them more sensory-friendly and accessible. Minecraft and Stardey Valley have them available.

EXAMPLES OF ARTIFICIAL INTELLIGENCE SUPPORT

Goblin Tools

Magic ToDo: uses AI to break down tasks you don't know where to start.
Formalizer: makes text more professional, formal, more to the point, etc.
Judge: helps you understand the tone of a text.
Professor: gives a short explanation and an example of a topic.
Estimator: tells you how long something will probably going to take.
Compiler: compiles braindumps into a task list.
The Chef: write ingredients you have and give you a recipe.

Headspace

Mindfulness app to personalize meditation and relaxation exercise.

VoiceItt and Cboard

Augmentative Alternative Communication(AAC) tool for communicating with others and an Assistive Technology(AT) tool for dictation.

Samsung Unfear

App to dampen the volume of fear-triggering sounds.

DO YOU KNOW MORE?

Do you know of other AI that can contribute to support autistic joy?

If not, what other AI tools would you like to have available?

Join menti.com and use code 2698 3359.

THANK YOU!

For more AI tools, check:

- Techvibe.ai
- TheresanAIforThat.com

Or ask ChatGPT!

See more information about our AIRA project on our website: eucap.eu/aira