

Google AI

Tools for everyone

→ Problem-solving tools and resources are available for anyone!

For beginner, intermediate and expert, everyone can reach their breakthrough.

For Developers:

Artificial Intelligence tools and resources for any help to reach the target!

TensorFlow: An end-to-end open-source machine learning (ML) platform for everyone.

→ TensorFlow offer an open library for training and developing ML models

→ For JavaScript: JavaScript library for training and demos for trying out machine learning programs in the browser.

→ For Mobile & IoT: Open-source deep learning framework for phones

Example: Image classification: The App can recognize hundreds of objects or subjects, for example, a banana, by using the device's camera.

→ For Production: The tool TensorFlow Extended (TFX) is responsible for creating and managing a production pipeline using an ML pipeline. Waze, a traffic and navigation app, uses the free TFX ML pipeline tool to be more efficient.

ML Kit: Machine Learning package for mobile developers.

The kit is optimized for mobile devices, easy to use and built with google know-how—for example: Barcode scanning, face detection and image labelling for iOS and Android.

Fairness Indicators: A tool package for evaluation and visualization.

CoLaboratory: A Jupyter notebook environment for education and research.

Google Open Source: Resources are free and open for everyone to solve real-world problems.

Learn with Google AI: Google provides information and exercises to help develop skills and advance projects (Google AI, 2022a).

Conclusion: With the offering of a public platform, google can reach everyone who wants to learn about machine learning or help experts do their projects efficiently. Google knows that AI has many challenges to overcome, but with those available tools and resources, it can promote the potential of AI. Furthermore, they make humanity aware of the powerful problem-solving ability of AI. Google works for the common good and wants to make the world better (Google AI, 2022b).

I also believe that with an open learning platform, we can understand the potential and ability of AI and share our knowledge with the world. The question is: How can people trust a computer brain without knowing the background or at least having details about the functionality. AI programs should be transparent for everyone to take the responsibility of making decisions. The open Google AI platform is a great start to confide in AI.

References:

Google AI (2022a) Tools for everyone. Available from: <https://ai.google/tools/> [Accessed 24 March 2022].

Google AI (2022b) Artificial Intelligence at Google: Our Principles. Available from: <https://ai.google/principles/> [Accessed 24 March 2022].