

## OPENAI WHISPER EVALUATION

Whisper is an open-source automatic speech recognition (ASR) model developed by OpenAI. It is trained on a massive dataset of multilingual and multitask supervised data collected from the web, making it capable of transcribing speech in over 100 languages and translating it into English. Whisper is also able to handle a variety of audio conditions, including background noise and accents.

Here are some of the key features of Whisper:

- **Multilingual:** Whisper can transcribe speech in over 100 languages.
- **Translation:** Whisper can translate speech from over 100 languages into English.
- **Robustness:** Whisper can handle a variety of audio conditions, including background noise and accents.
- **Accuracy:** Whisper is highly accurate, even in challenging audio conditions.
- **Open-source:** Whisper is open-source and freely available to use.

Whisper is a powerful and versatile ASR model that is well-suited for a wide range of applications. It is an open-source project, so it is freely available to use and modify. Whisper is still under development, but it has already been shown to be highly accurate and robust.

Whisper is available in four different model sizes: base, tiny, small, and medium. Each model size has a different trade-off between accuracy and speed. The larger the model size, the more accurate the transcription will be, but the slower the transcription will be.

Model size	Accuracy	Speed
Base	High	Slow
Tiny	Medium	Fast
Small	High	Medium
Medium	Very High	Slow

PERFORMANCE:

MODEL	WHISPER ENGLISH (ACCURACY RATE)	WHISPER MULTILINGUAL (ACCURACY RATE)
TINY	84.7	83.8
BASE	86.5	86
SMALL	86.9	87.5
MEDIUM	86.8	87.6
LARGE		86.8