Amazon Transcribe

Amazon Transcribe is a fully managed, automatic speech recognition (ASR) service that makes it easy for developers to add speech to text capabilities to their applications. It is powered by a next-generation, multi-billion parameter speech foundation model that delivers high accuracy transcriptions for streaming and recorded speech. Thousands of customers across industries use it to automate manual tasks, unlock rich insights, increase accessibility, and boost discoverability of audio and video content.

● Benefits of Amazon Transcribe

1. Effectively build voice applications.

   Easily embed voice technologies in your applications with Amazon Transcribe, a fully managed, multi-billion parameter speech foundation model that instantly converts real-time or recorded speech into text. It is trained on millions of hours of audio data across a variety of languages.

2. Generate highly accurate transcriptions.

   Amazon Transcribe accounts for different accents, noisy environments, and acoustic conditions that enables you to produce more accurate outputs.

3. Access advanced features.

   Use key features across 100+ languages that make it easy to use and customize. These include features such as automatic punctuation, custom vocabulary, automatic language identification, speaker diarization, word-level confidence scores, and vocabulary filters.

4. Accelerate time to insights.

   Extract key business insights from customer calls, video files, clinical conversations and more.

   Automatically extracts insights such as sentiment, call categories, call characteristics, and generative AI-powered summaries with Amazon Transcribe Call Analytics.

5. Unleash the value of speech data with generative AI.

   Convert speech content into text and apply generative AI to automate routine tasks and unlock insights trapped in your audio and video content.

   - **Use Cases**

     1. Call analytics and agent assist.
     2. Subtitles for videos and meetings
     3. Detect toxic content in audio
     4. Clinical documentation