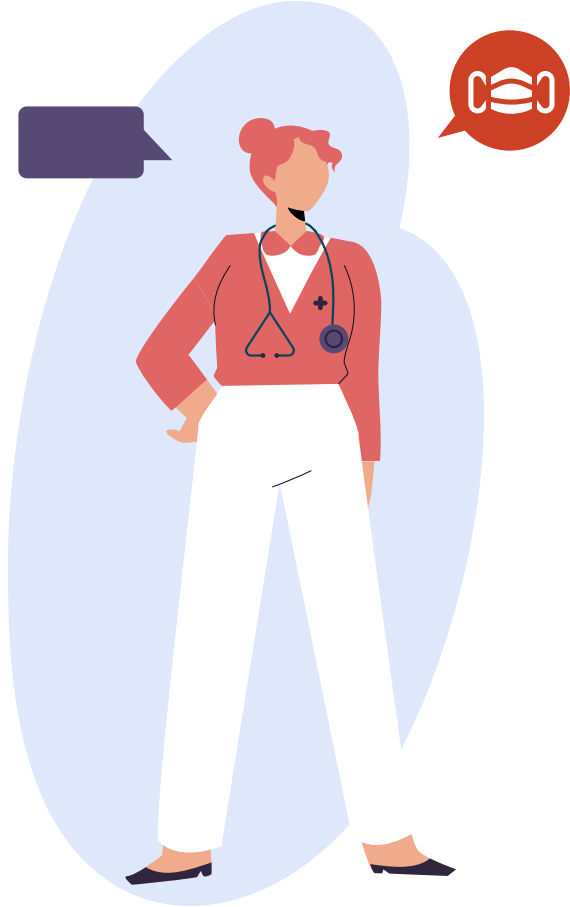


SOS AI EMERGENCY RESPONSE

Presented by Alawad and Anand



BY TEAM 14

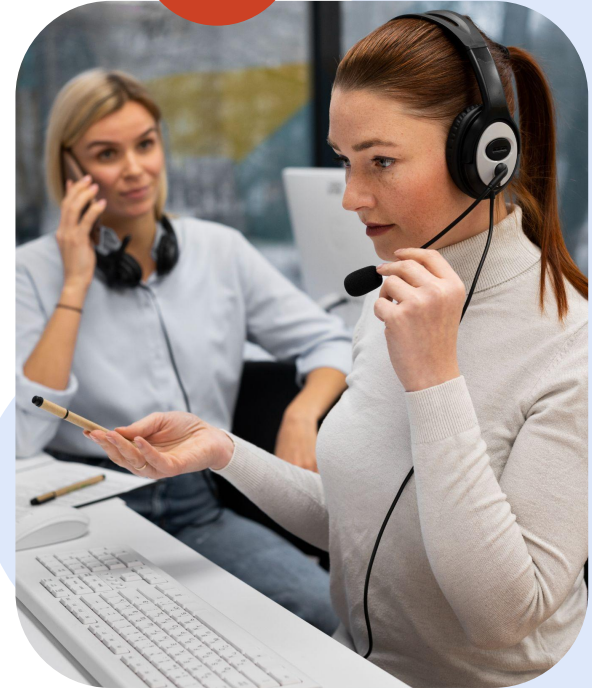


INTRODUCTION

An **AI-enhanced** decentralized emergency response network, integrating Push Notifications to facilitate secure communication between first responders and victims.

PROBLEM STATEMENT

- 01** Lack of emergency SOS apps in web 2 and web 3
- 02** Difficult navigation in emergency situations
- 03** Apps in the market have functionality issues, errors



The Solution :

Ai Emergency Response



To achieve this, we needed to solve several issues



01

Number

How to get a
programmable number?

02

AI

How to make AI
understand the caller?

03

Assigning

How to assign those
calls to the right
services?

Programmable Voice



With Twilio, you can quickly make and receive voice calls in your application. We provide the docs, code samples, helper libraries, and developer tools you need on your journey. You bring your imagination. Let's build something amazing together.

Make your first voice call →



Take the next steps with Programmable Voice

Twilio's always there when you call!

Twilio programmable voice webhook



AssemblyAI

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Getting started

Transcribe an audio file

Transcribe streaming audio from a microphone

Apply LLMs to audio files

Webhooks

Supported languages

Speech-to-Text

Speech Recognition

Speaker Diarization

Streaming

LeMUR - LLMs for speech

Ask questions about your audio data

Summarize your audio data

Extract and generate data

Generate content based on your audio data

Customize parameters

LeMUR examples

Advanced

Audio Intelligence

Transcribing an audio file

In this guide, we'll show you how to use the API to transcribe your audio files.

You can also learn the content on this page from [How to Transcribe Audio Files with Python on AssemblyAI's YouTube channel](#).

TIP

If you're using Python or TypeScript, see [Transcribe an audio file](#).

Get started

Before we begin, make sure you have an AssemblyAI account and an API key. You can [sign up](#) for a free account and get your API key from your dashboard.

The entire source code of this guide can be viewed [here](#).

Step-by-step instructions

1

Create a new file and import the necessary libraries for making an HTTP request.

Python SDK

Python (requests)

TypeScript

PHP

Ruby

C#

```
pip install -U assemblyai
```

2

Set up the API endpoint and headers. The headers should include your API key.

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TypeScript

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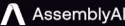
Welcome to AssemblyAI

AssemblyAI

Transcribing audio in real-time







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Welcome to AssemblyAI







AssemblyAI







Transcribing audio in real-time






facebook/**bart-large-mnli**   like 1.05k

 Zero-Shot Classification
  Transformers
  PyTorch
  JAX
  Rust
  Safetensors

 multi_nli
  bart
  text-classification
  Inference Endpoints
  arxiv:1910.13461
  arxiv:1909.00161

 License: mit

 Train
  Deploy
  Use this model

 Model card
  Files
  Community **37**

 Edit model card

bart-large-mnli

This is the checkpoint for [bart-large](#) after being trained on the [MultiNLI \(MNLI\)](#) dataset.

Additional information about this model:

- The [bart-large](#) model page
- [BART: Denoising Sequence-to-Sequence Pre-training](#)



Downloads last month
2,839,253



 Safetensors 

Model size 407M params

Tensor type F32 

 Inference API 





Hugging Face

BART large model

with zero-shot text

classification



 **Push** Docs | Explore ▾ | GitHub | Blog | Discord | Launch App |   

Intro to Push Notification

Quickstart

Important Concepts

Supported Wallet Standards

Build ▾

Get Started

Initialize User

Manage User

Create Channel

Channel Settings

Channel Delegates

Manage Channel

Fetch Subscriptions

Manage Subscriptions

Fetch Notifications

⌵ > Notifications > Intro to Push Notification

Intro to Push Notification

Push Protocol provides a robust and decentralized push notification to wallet addresses. This product enables web3 projects, dapps, smart contracts, or any web3 services to send push notifications to their users in real time through an open, interoperable yet secure network.

Why Push Notification?

Push is building the communication layer for Web3, using which any dApp, smart contract, or backend can send any real-time notifications that are tied directly to a user's wallet address (aka Web3 usernames).

This addresses a major gap in the Web3 infrastructure and improves the everyday experience for blockchain users. The notifications (or any other communications) are off-chain and gasless for all scenarios except when a smart contract sends them (in which case the smart contract pays a slightly higher gas fee for the payload that is sent on the blockchain).

Push Push Notification





Emergency dashboard





MARKET ANALYSIS



EMERGENCY APP MARKET

The global market for emergency mobile apps was valued at \$5.2 billion in 2021 and is expected to reach **\$16.2 billion** by 2028, growing at a CAGR of 17.6% from 2021 to 2028.

Source: ResearchAndMarkets



AI SAFETY APP MARKET

The AI in emergency response market is projected to grow from \$1.2 billion in 2020 to \$6.2 billion by 2026, at a CAGR of 31.3%.

Source: MarketsandMarkets

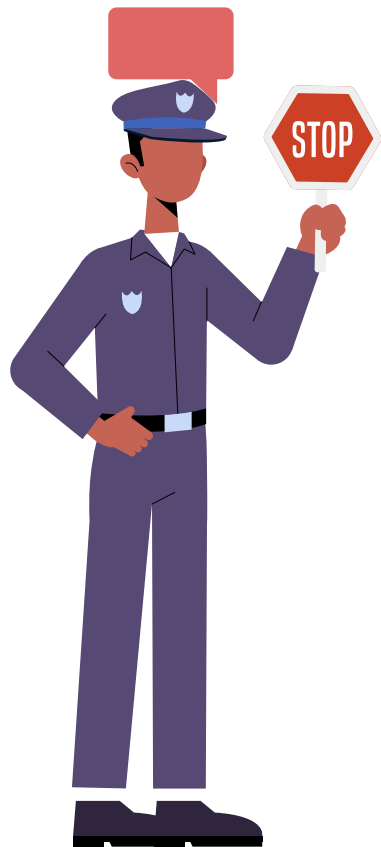


Source: Market Research Future,
Accenture and IBM



SEGMENTATION AND TRENDS

- North America is the largest market, accounting for over 35% of the total share in 2021, driven by the high adoption of smartphones and advanced technology.
- The Asia Pacific region is expected to witness the highest growth, with a CAGR of 19.2% due to increasing smartphone penetration and urbanization.
- AI Integration: Predictive analytics, real-time assistance
- Blockchain Utilization: Data integrity, decentralized record



Source: Market Research Future,
Accenture and IBM



COMPETITIVE LANDSCAPE

Some established players in the emergency SOS app market incorporating advanced technologies include:

- **Life360:** Over 30 million active users, focusing on family safety and location sharing.
- **bSafe:** Popular in various regions, offering location sharing and emergency alerts.
- **Noonlight:** Partnered with various apps for enhanced safety features.

COMPETITOR ANALYSIS



SOS AI



Ease of Navigation

Accuracy in Technology



BUSINESS MODEL

A

FREEMIUM MODEL

Basic features for free. Advanced AI driven predictive alerts feature for subscription

B

TRAVEL AGENCIES

Integrating the app into travel packages for enhanced traveler safety

C

CORPORATE PARTNERSHIP

Collaboration with corporations to offer the app as part of employee safety programs

D

IN-APP PURCHASES

Wearable devices that integrate with the app for instant SOS alerts





GTM STRATEGY

MARKET SEGMENTATION

Individual Users & Families, Corporate Clients, Insurance Companies and Travel Agencies

LAUNCH PLAN

Pre-Launch: Beta testing, PR outreach, email marketing, **Launch:** Press release, launch event, referral program, **Post-Launch:** User onboarding, continuous engagement

CHANNELS

Digital Marketing: SEO, Social Media, Influencer Partnerships, **App Stores:** Google Play, Apple App Store. **Website:** Direct downloads, lead generation **Corporate Sales:** Dedicated team, industry events, Partnership Channels: Insurance, travel agencies

METRICS AND KPIs

User Acquisition Cost (UAC), Customer Lifetime Value (CLV), Churn Rate, Engagement Metrics (DAU/MAU, session duration), Conversion Rate

THANK YOU.

