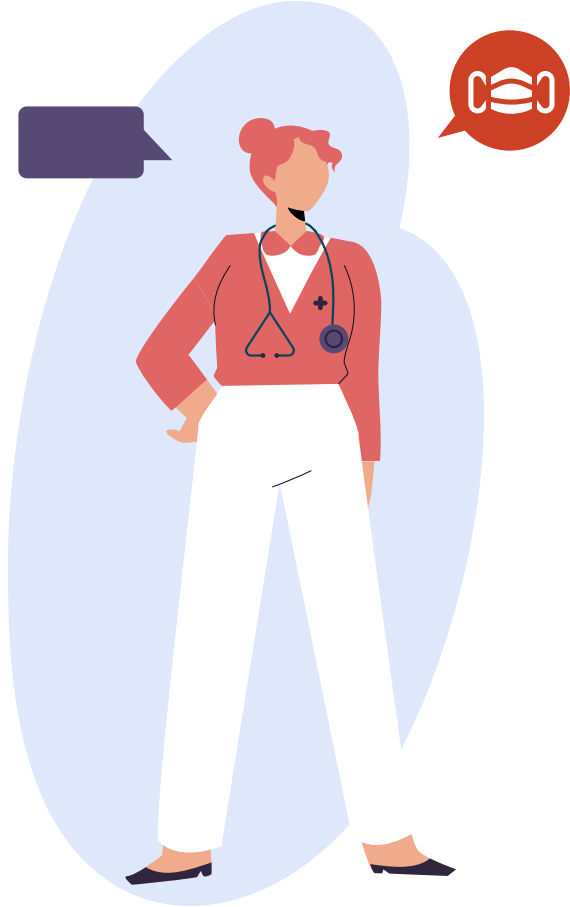


SOS AI EMERGENCY RESPONSE

Presented by Alawad and Anand



BY TEAM 14

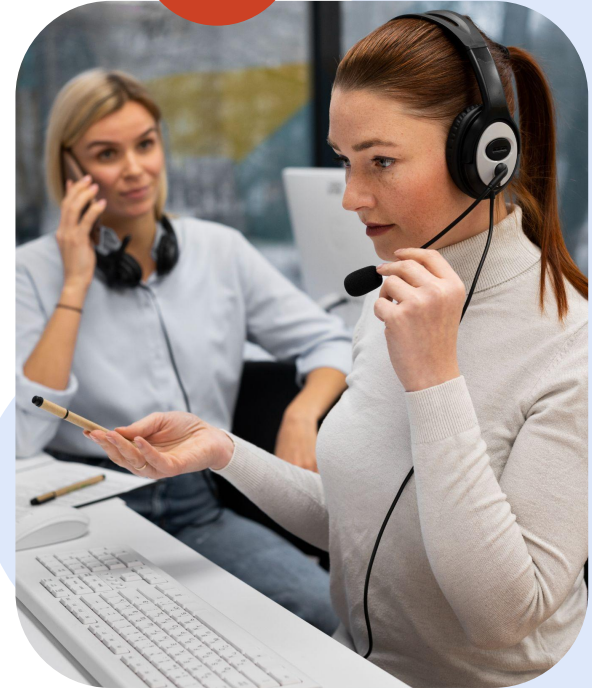


INTRODUCTION

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

You can enter a subtitle here if you need it



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 programmable voice webhook



The screenshot displays the AssemblyAI website's documentation page for 'Transcribing an audio file'. The page has a dark theme. On the left is a navigation sidebar with categories like 'Getting started', 'Speech-to-Text', and 'Audio Intelligence'. The main content area is titled 'Transcribing an audio file' and includes a 'Get started' section with instructions on how to begin using the API. Below this is a 'Step-by-step instructions' section with a numbered list of steps, the first of which is 'Create a new file and import the necessary libraries for making an HTTP request.' This step includes a code block showing the command `pip install -U assemblyai`. A 'TIP' box highlights that users should see the 'Transcribe an audio file' guide if using Python or TypeScript. On the right side of the main content, there is a 'Get started' sidebar with links to 'Step-by-step instructions', 'Understanding the response', 'Best practices', and 'Conclusion'. A 'Welcome to AssemblyAI' toast message is visible at the bottom right of the page.

AssemblyAI

Transcribing audio in real-time







The screenshot displays the AssemblyAI website's documentation page for 'Transcribing an audio file'. The page has a dark theme. On the left is a navigation sidebar with links like 'Home', 'Getting started', 'Transcribe an audio file', 'Speech-to-Text', and 'Audio Intelligence'. The main content area is titled 'Transcribing an audio file' and includes a 'Get started' section with instructions on how to begin using the API. Below this is a 'Step-by-step instructions' section with a numbered list of steps, the first of which is 'Create a new file and import the necessary libraries for making an HTTP request.' This step includes a code block showing the command `pip install -U assemblyai`. A 'TIP' box highlights that users should see the 'Transcribe an audio file' guide if using Python or TypeScript. On the right side of the main content, there is a 'Get started' sidebar with links to 'Step-by-step instructions', 'Understanding the response', 'Best practices', and 'Conclusion'. A 'Welcome to AssemblyAI' tooltip is visible in the bottom right corner of the page.







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



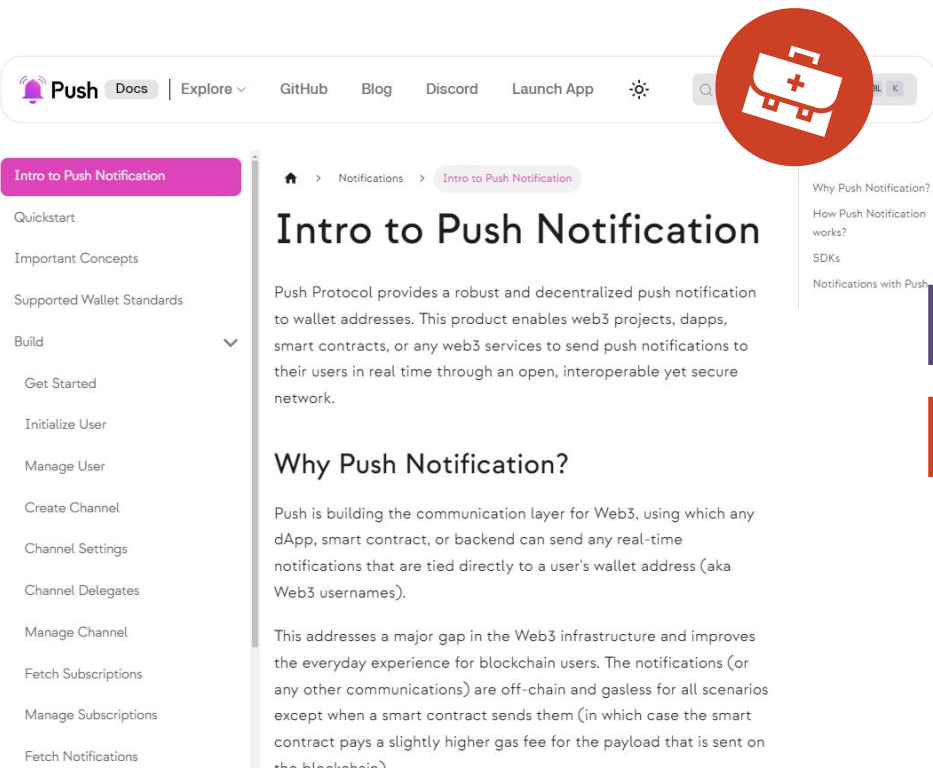
 Safetensors 

Model size 407M params

Tensor type F32 

 Inference API 

Hugging Face BART large model with zero-shot text classification



Push 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

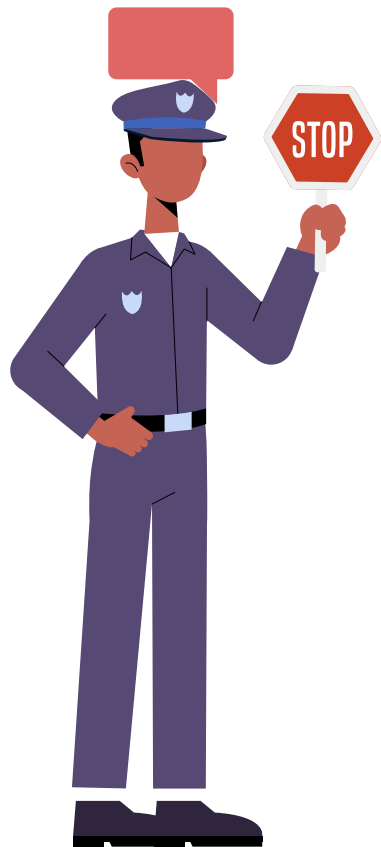


Source: Market Research Future,
Accenture and IBM



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

A

MARKET SEGMENTATION

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

TRAVEL AGENCIES

Integrating the app into travel packages for enhanced traveler safety

C

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

IN-APP PURCHASES

Partnership Channels: Insurance, travel

agencies
Wearable devices that integrate with the app for instant SOS alerts

