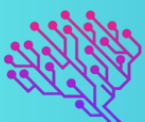# BOTFI

DeFi Agents Ecosystem

INTRODUCTION

Hi, we're BotFi. We have a network of AI agents where each agent has a use case that will help projects and individuals improve their products and on-chain activities.

BotFi is the pioneering DeFi Agent Ecosystem that harnesses the power of artificial intelligence to analyze Telegram data, providing invaluable assistance to both investors and project owners. By leveraging advanced AI algorithms, BotFi offers comprehensive insights into group activity, social engagement, market trends, and other key indicators, enabling users to make informed decisions and optimize their strategies.

In the rapidly evolving landscape of DeFi, marketing strategy plays a pivotal role in the success and adoption of projects. With the proliferation of various DeFi protocols and platforms, it has become increasingly challenging for projects to stand out and effectively reach their target audience. To address this challenge, BotFi was conceptualized by a core team of Software Developers and Investors. Our vision is for BotFi to be the premier agent tool for DeFi investors and project owners.

BotFi comprises three dynamic Agents(bots): The Invite Agent, TG Marketing Analysis Agent and Project Analysis Agent. Our dedicated team has been actively developing these agents since April 2024, and we are pleased to announce the successful completion of Phase 1 in their development.

INVITE AGENT WITH AI MARKETING ANALYSIS

While telegram groups and channels are excellent source of marketing,manually analyzing the effectiveness of marketing, invitations and group dynamics can be time-consuming and difficult.

To address this need, we started the development of an AI-powered Telegram Invite Agent capable of analyzing invitations from marketing campaigns, groups, and influencers. This agent is built for project owners and will soon become the new standard telegram invitation.
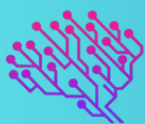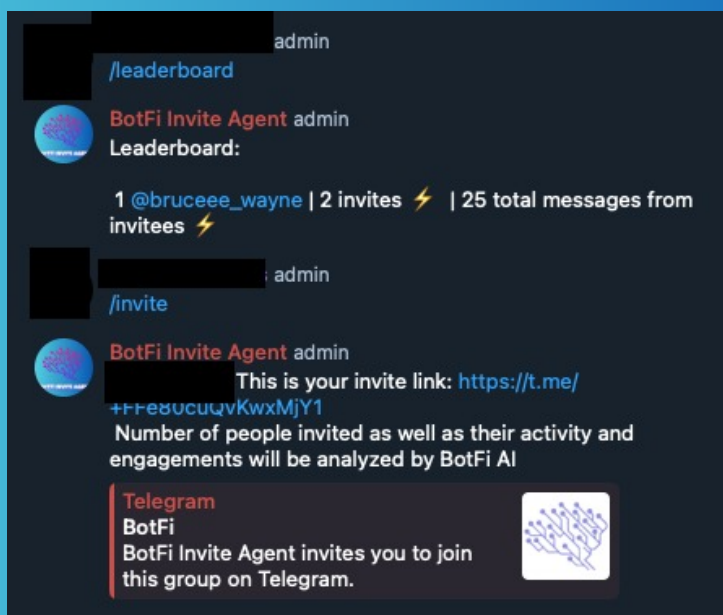
INVITATION ANALYSIS

ENGAGEMENT METRICS

INFLUENCER SENTIMENT ANALYSIS

admin
/leaderboard

BotFi Invite Agent admin
Leaderboard:

1 @bruceee_wayne | 2 invites ⚡ | 25 total messages from invitees ⚡

admin
/invite

BotFi Invite Agent admin
This is your invite link: https://t.me/ +FFe8ucuQvKwxMjY1
Number of people invited as well as their activity and engagements will be analyzed by BotFi AI

Telegram
BotFi
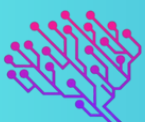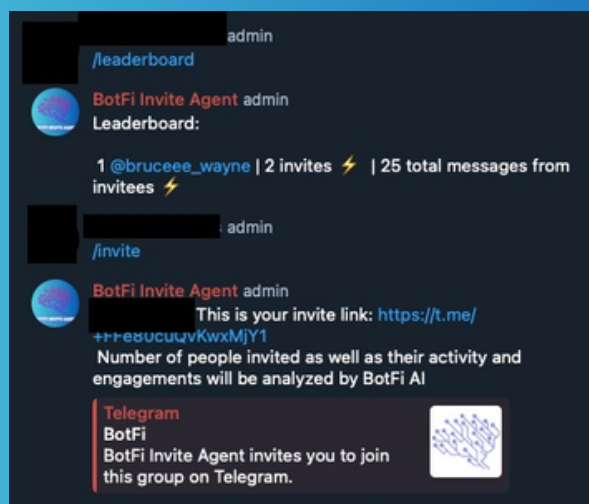BotFi Invite Agent invites you to join this group on Telegram.

USE CASE #1 ARCHETYPE

Scenario: An ed-tech or product company is running a referral-based marketing campaign through the Telegram bot. The goal is to increase user adoption and engagement with the product

- Step 1: Users join the platform and type **/invite** to generate their personal referral links

- Step 2: Users share the links in their social media, with friends, and other groups

- Step 3: Users check the **/leaderboard** to track how they're performing compared to others

- Step 4: At the end of the marketing campaign, rewards (such as discounts, tokens, or exclusive content) are given to users with the most active referrals.

Outcome:
- **Increased User Acquisition**: More users join and engage with the product

- **Data-Driven Marketing**: Product owners can track the most successful referrers and measure the campaign's impact on user engagement

- **Features to combat spam protection** are inbuilt in the agent(like spamming random messages, bot joining the group etc.)

TELEGRAM MARKETING ANALYSIS

BOTFI is the first of it's kind AI powered agent for DeFI Marketing strategy analysis.

It is the first AI powered Telegram agent that leverages natural language processing (NLP) and machine learning (ML) algorithms to analyze DeFi marketing strategies and trends.

This agent is built for investors and traders in telegram and will be expanded other socials like X(Formerly Twitter).
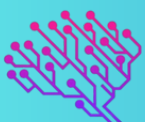
Sentiment Analysis: Analyzing sentiment towards specific DeFi projects or trends to gauge community perception and sentiment.

Keyword Monitoring: Monitoring keywords and hashtags related to DeFi marketing on social media platforms such as Twitter, Reddit, and Telegram groups.

Competitor Analysis: Identifying and analyzing marketing strategies employed by competitors in the DeFi space to gain insights and stay ahead.

Trend Identification: Identifying emerging trends and topics within the DeFi community to help projects tailor their marketing efforts accordingly.

Data Visualization: Presenting the analyzed data and insights through interactive charts and graphs for easy interpretation and decision-making

PROJECT ANALYSIS AGENT

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This agent will provide project discovery and analysis for investors. It will assists investors in discovering promising DeFi projects by analyzing group activity, social engagement, and market trends.

The agent provides recommendations based on various key indicators, helping investors identify potential opportunities in the DeFi space.

Investors are required to do their own research as recommendation given are not financial advice!
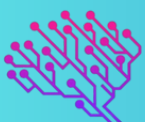
PROJECT'S TG ENGAGEMENTS ANALYSIS

SOCIAL PRESENCE ANALYSIS

PERSONALIZED FILTERS FOR CUSTOM ALERTS

MARKET TRENDS ANALYSIS

USECASE #2 ARCHETYPE

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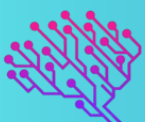This is an illustrative example of the use case archtype

you can set the **supply control variable, decimal variable and the volume variable** *(the variable change setup will be available in v2.0)* and you can get pings of all the tokens that are launched on those filters

This application allows for an exposure to multiple chains as exposed to a single chain

In the particular example you can see the alert for a new token called xyz with **symbol, dev balance among other variables**

In the future versions you can also add features of dev wallet or a deployment by one of the wallets that you choose to monitor

in the v2.0 we will also attempt to link it with other trading bots so it can be copytraded automatically

WHY LAUNCH A TOKEN?

We see a lot of projects launching tokens without any usecase but we have done extensive benchmarking to identify why a token for the ecosystem is a good idea

Access to SaaS Services:
- To use the platform's services, users must hold a specific number of BotFi tokens.
- Access is tiered based on the number of tokens held, with higher amounts required for premium services.

Subscription Fees Paid in BotFiTokens:
- Users pay for subscriptions or services using BotFi tokens.
- Payments are tracked and managed on the platform's system, ensuring seamless transaction processing.

sc

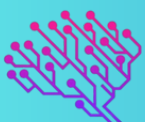**50% Buyback and Burn Mechanism:**
- For every payment made, 50% of the value is used to buy back BotFi tokens from the market (if listed) or from the circulating supply.
- These tokens are permanently burned, removing them from circulation.

Example:
- If a service costs $100 worth of BotFi tokens, $50 worth is bought back and burned.

Effect on Supply and Demand:
- The buyback and burn mechanism leads to a continuous reduction in the total supply of tokens.
- As supply decreases and demand for services grows, the value of tokens is expected to rise due to increased scarcity.
- Users are incentivized to hold tokens, anticipating future value appreciation as more tokens are burned.
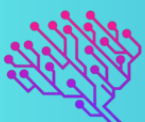
PROPRIETARY CODE

In developing the FutureFi agents, every line of code has been **custom-built and crafted** to ensure that these agents are unique and tailored to the specific needs of the platform.

This approach eliminates reliance on **open-source libraries** or **Layer 2** solutions, making the **code distinct and secure**. To maintain the integrity of our agents and prevent unauthorized copying, **we do not share the full source code on GitHub**.

However, below, we provide code snippets to illustrate key functionalities of the agents, highlighting how each core feature is implemented.

```
1    require('dotenv').config()
2
3    const { Telegraf, Markup, Extra } = require('telegraf')
4    const { message } = require('telegraf/filters')
5    const TelegrafLogger = require('telegraf-logger')
6    var mysql = require('mysql')
7    var cron = require('node-cron')
8
9
10   const bot = new Telegraf(process.env.BOT_TOKEN)
11
12   bot.use(logger.middleware())
13   const logger = new TelegrafLogger({
14       log: console.log,
15       format: '%ut => @%u %fn %ln (%fi'): <%ust>
```

WHOS THE TEAM?

Our team consists of seasoned professionals who have been deeply involved in the **blockchain and DeFi space since 2018**. Having witnessed multiple market cycles, they bring with them a wealth of experience and understanding of the fluctuations and dynamics that shape the blockchain ecosystem.

From the highs of bullish markets to the lows of bear trends, our team has seen it all, making them well-equipped to navigate the ever-changing landscape of decentralized finance.

While the team members hold successful careers in their respective fields and have a wealth of experience in technology and finance, **they have chosen to keep their identities private for now**. This decision allows the team to focus solely on the growth and success of the project without **external distractions**. Rest assured, their commitment to technological excellence is clear.

Each line of code for the BotFi platform is written from scratch, showcasing the team's advanced technical skills and deep knowledge of software development. In fact, the team has previously developed **bot applications for some of the world's leading financial institutions, including but not limited to Bank of America, Credit Suisse, HSBC, and Deutsche Bank**.

This extensive experience in building secure, scalable, and efficient systems for global financial players reinforces the team's technical proficiency and dedication to delivering top-tier solutions.

While we understand that a doxxed team would infact build trust, but due to real life careers, doxxing the team members is not possible. Instead, we will take all other measures to show the dedication of the team to the project like the working utility before launch, locking tokens, regular AMAs and updates over socials.