IBullSwap

DIGIBLOCKS

Abstract

Ibullswap

Though centralized exchanges are familiar and well-performing, what led to the rise of decentralized exchanges? The trading of digital assets on the blockchain began in 2009. However, still, there was a functional gap between centralized exchanges and on-chain transactions. Decentralized exchanges like ibullswap bridge this gap. Ibullswap's Automated Market Making (AMM) protocol enables the users to trade their on-chain assets without relying on centralized market makers. This will lead to the rise of new decentralized financial systems, overturning the centuries-old financial practices. In addition, Ibullswap offers seamless trading services through its easy-to-use interface and by providing a multitude of languages.

PROBLEM STATEMENTS

Rug Pull Issue

The lack of liquidity in the majority of the exchanges leads to rug pull that causes loss to the token holders. This is the major problem faced by blockchain enthusiasts and traders worldwide. In conventional decentralized exchanges, the whales get hold of the majority of the tokens. When they sell them off, there is a drop in the price of tokens. Unfortunately, no proper anti-whale or anti-rug pull system is being implemented to hold back the liquidity.

PROBLEM STATEMENTS

Escalated Gas Fee

Decentralized Exchanges (DEXes) deployed on the ethereum blockchain are costing a few hundred dollars for transactions. As ethereum blockchain became the root cause for revolution in DeFi, many institutions took their projects on-chain. This increased the utility of ETH, and thus a surge in gas fees has occurred.

Take a look and see for yourself!

The BIGGER PICTURE

.01

Easy-to-use exchange with multiple language supports, and extension of the ecosystem towards lottery, staking and liquidity mining.

.02

We're working day and night to bring the latest and greatest advancements to the blockchain space.

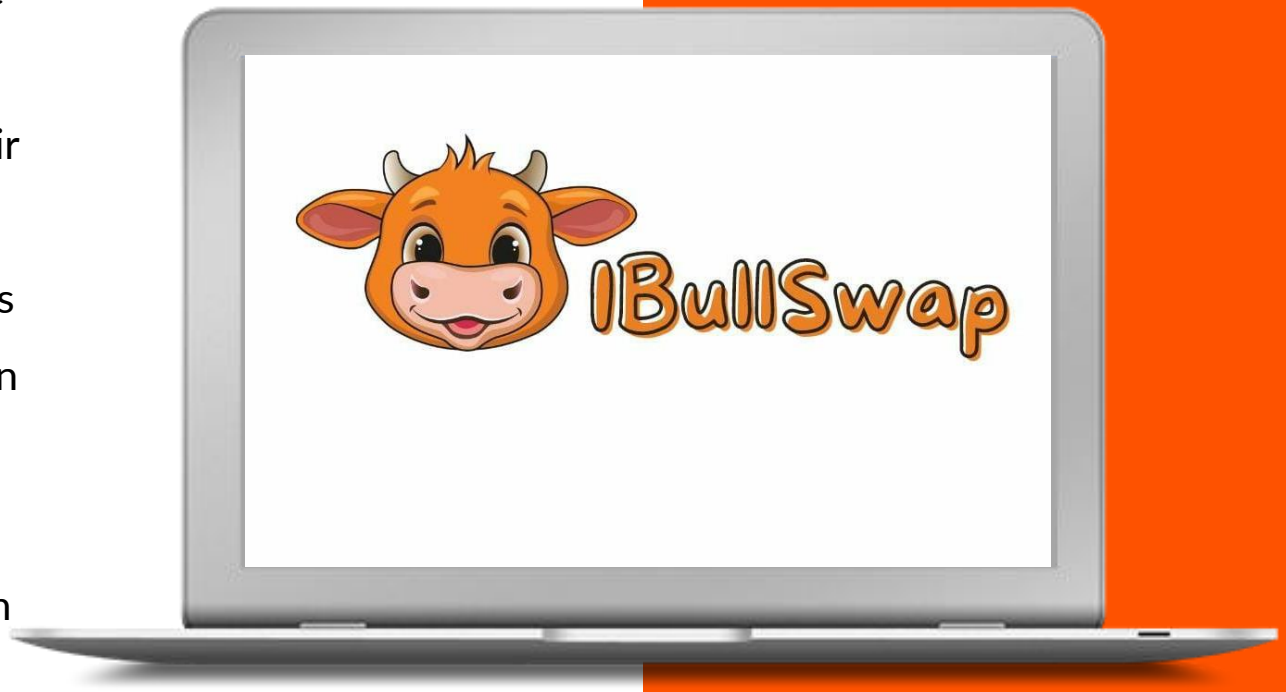
IBULLSWAP - THE New Generation DEX

Ibullswap eliminates the rug pull issue by implementing anti-rug pull mechanisms to give a safe DeFi experience to its users. The anti-rug pull protocol used by ibullswap ensures that a certain amount of liquidity is always locked in pools. The prevention against the lack of liquidity proves ibullswap to be the most sustainable decentralized exchange in the market and the best fork of Pancakeswap.

Virtual currencies are the best product of blockchain technology so far. As of 2021, there are around 300 million blockchain-based token users worldwide. Digital assets ownership is surging at a rate of 3.9%. Over 18,000 business owners have made their minds to take their businesses to the next level by accepting digital currency payments.

IBULLSWAP & BSC

Ibullswap is deployed on Binance smart chain to beat the high transaction fee associated with the ethereum network. This makes decentralized finance accessible by everyone unmindful of their financial climate. Binance Smart Chain (BSC) is the best alternative for traders to get rid of ETH's soaring network congestion. Binance Smart Chain is a parallel chain meant to enable smart contracts. BSC's dual-chain architecture empowers its users to develop on one blockchain their decentralized apps and digital assets. It allows swift trading on one chain and makes it possible to exchange on the other. Also, BSC is EVM compatible, and it has a block time of 3 seconds.



IBULLSWAP'S AMM PROTOCOL

Ibullswap is far better than its centralized counterparts in terms of liquidity. Unlike the centralized exchanges, Ibullswap gets rid of intermediate processes in trading digital assets. Ibullswap does not follow the custodial infrastructures, where the exchanges hold the private keys of wallets. Instead, Ibullswap promotes autonomy by allowing the traders to initiate trades directly from non-custodial wallets.

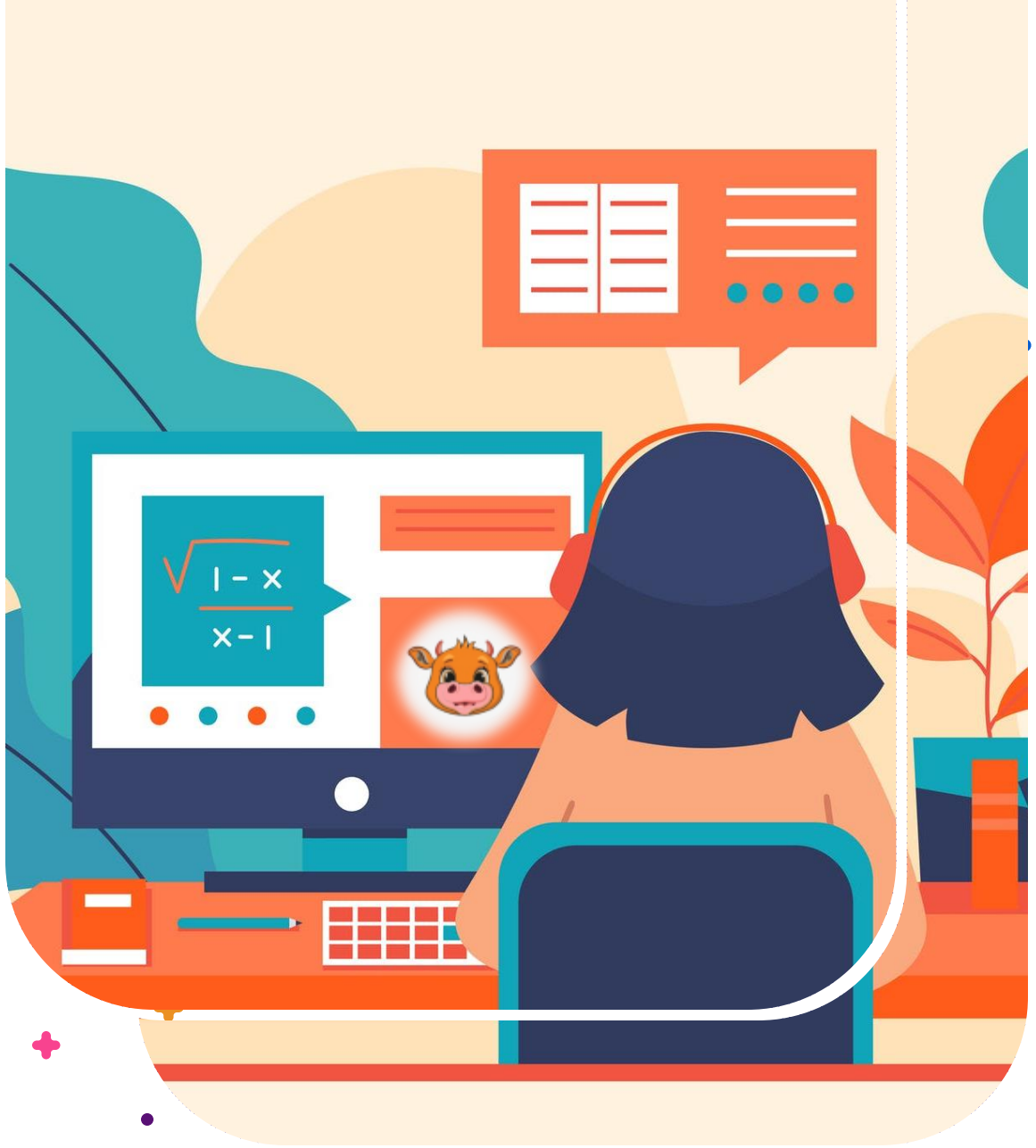
Also, Ibullswap replaces the order books with AMM protocols powered by smart contracts. This protocol is nothing but a sequence of smart contracts that automates the price of digital-assets and their liquidity. In addition, smart contracts fuel the operation of ibullswap, making the collection of funds and provision of liquidity easy. In simple, when you use Ibullswap, you don't trade against other parties but the locked liquidity in pools.

With the Automated Market Making protocol, anyone can become the market maker. At the same time, in conventional exchanges, only individuals or companies with notable net-worth can make the market. In Ibullswap, anyone can become the market maker (Liquidity Provider). They meet the requirements hardcoded into the smart contracts.

How Does Ibullswap Work?

If Ibullswap does not work like a conventional exchange, how does it work?

Ibullswap works on the concepts of liquidity pools very similar to trading pairs on centralized exchanges. In Ibullswap, if you would like to trade BNB for BUSD, you need to find a BNB/BUSD liquidity pool. The liquidity providers (LPs) can be market makers by depositing any of the assets in the pool. For instance, if you would like to become a market maker in BNB/BUSD pool, you would need to deposit a predetermined ratio of BNB and BUSD. (This ratio is already hardcoded in smart contracts).



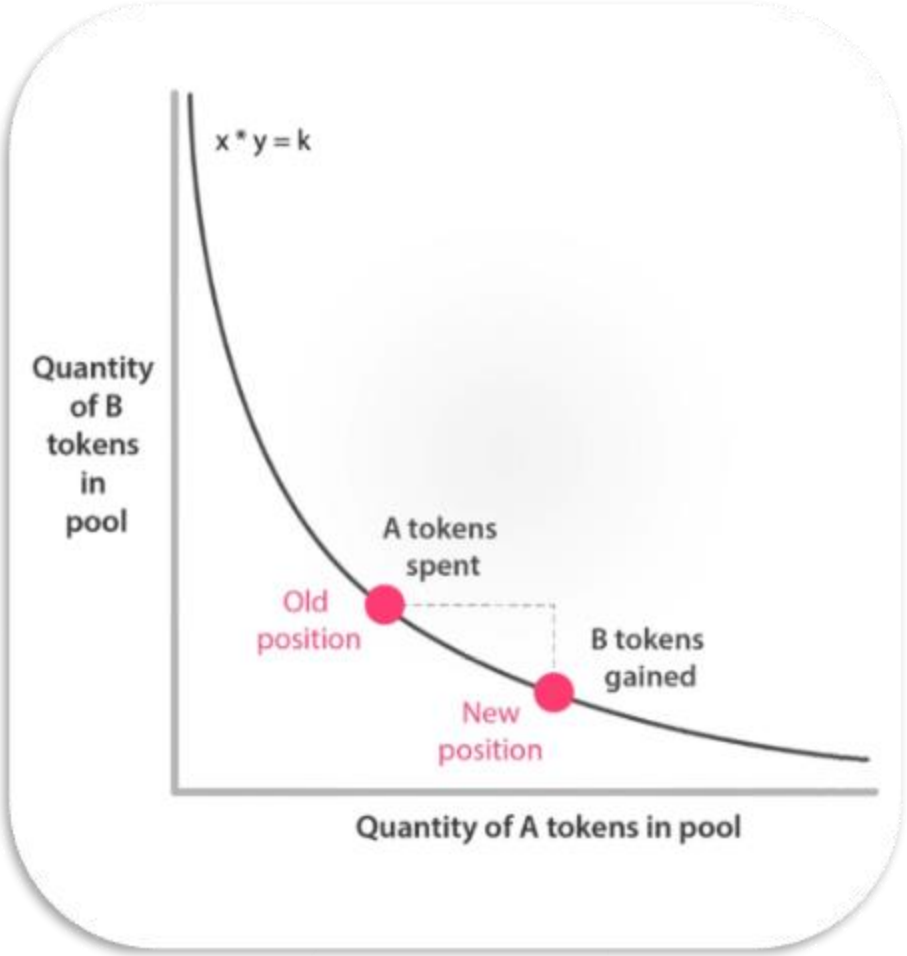
IBULLSWAP

Mathematical Formula Behind

Ibullswap uses a mathematical formula to ensure the balance of assets in the liquidity pools. The idea is to keep the assets balanced and give no room for discrepancies in the pricing of assets. The math equation to set the relationship between the assets held in pools is

X * Y = K

Here, x represents the value of Asset A, y denotes the value of Asset B, while k is a constant. In essence, the liquidity pools of Ibullswap always maintain a state whereby the multiplication of the price of Asset A and the price of B always equals the same number.



PRACTICAL IMPLEMENTATION

Say you use Ibullswap to purchase BNB in a BNB/BUSD pool. To purchase BNB, you need to add BUSD to the pool to remove an equivalent amount of BNB.

This causes the amount of BNB in the pool to fall, which, in turn, causes the price of BNB to surge to fulfill the balancing effect of x*y=k. In contrast, because more BUSD has been added to the pool, the price of BUSD decreases. When BUSD is purchased, the operation is reversed – the price of BNB falls in the pool while the price of BUSD rises.

IBULLSWAP - STAKING

The Bitcoin blockchain is based on the Proof-of-Work consensus mechanism. A consensus is a set of protocols that ensures the proper operation of any blockchain network by validating the transactions. PoW involves solving complex mathematical equations to get a chance to validate. This is energy-consuming and requires much computational power. A few years ago, mining was the only way to earn passive income with tokens.

Now, BSC and other leading blockchains are based on Proof-of-Stake (PoS) that requires staking of the native tokens to become the validators of blocks. Ibullswap allows you to stake Ibull tokens to earn passive income. Digital assets are not meant to keep them idle in their wallets. Ibull tokens can be your source of income when you stake them in your wallets. This becomes the less resource-intensive alternative for mining.

LIQUIDITY MINING

Since Ibullswap is based on the AMM protocol, it requires the network participants to act as Liquidity providers (LPs) for the smooth operation of liquidity pools. There are specific prerequisites to become an LP that is specified in the smart contracts. When the conditions are met, anyone can add liquidity to the pools. Ibullswap, in return, incentivizes the LPs through the distribution of IBULL tokens, which they can further add to the pools or stake them to earn more income. Undoubtedly, IBULL brings more value to the lives of holders, granting them financial independence.

SMART CONTRACT AUDIT

- Ibullswap's smart contract has undergone the mathematical verification methods by Digiblock through BSC Security Oracle.

- Experts audit smart contracts with experience of over five years. A bot does not automate the review. Instead, they are manually reviewed by these hand-picked experts.

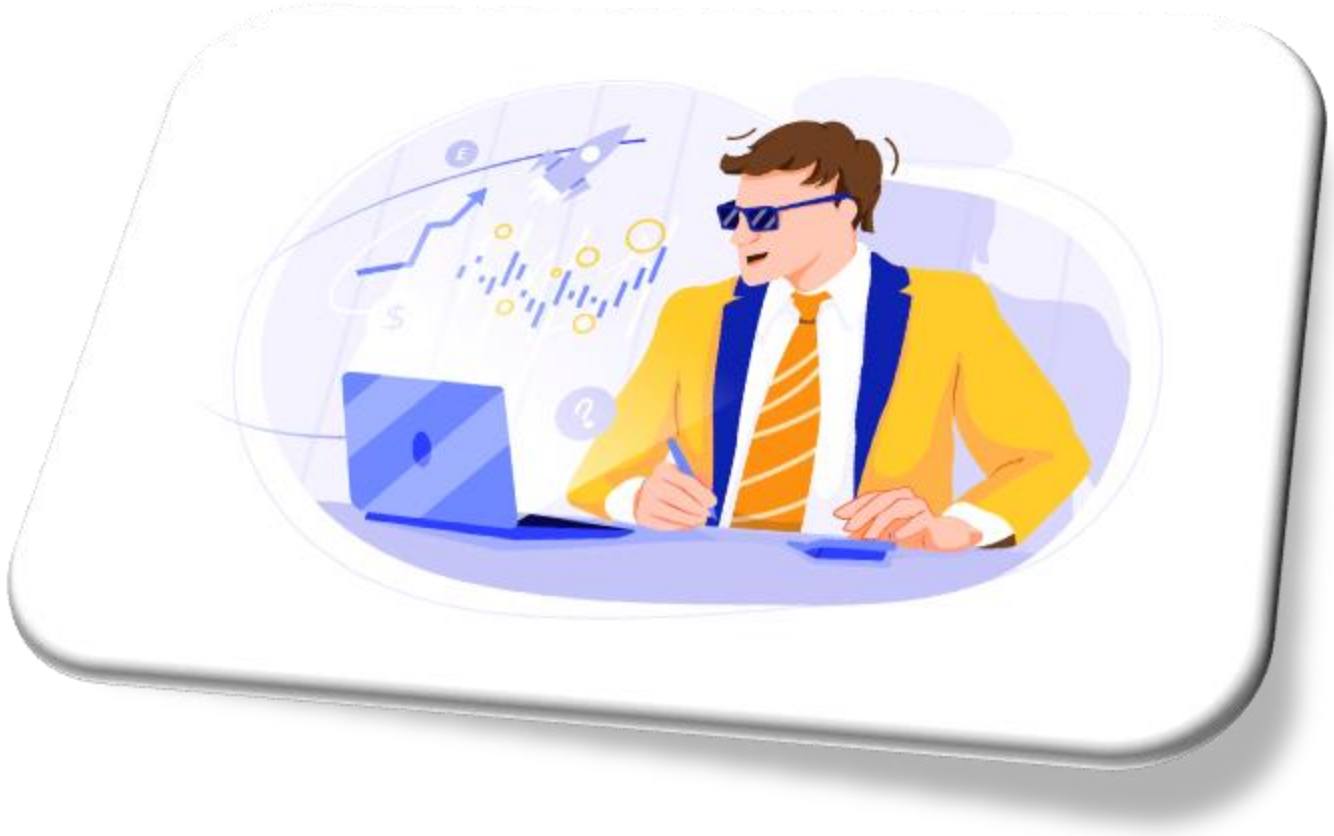
- Ibullswap has worked on the solutions proposed by Digiblocks formal verification. We are glad to say that Ibullswap is perfect with no point of failure.

- The smart contracts are tested against common and uncommon attack vectors. A team of experts assesses the codebase to ensure compliance with the current industry standards.

- Ibullswap's smart contracts are tested for meeting the intentions and specifications of the clients by line-by-line manual review of the entire codebase.

IBULLSWAP LIMITED SUPPLY

The success of IBULL token is due to its limited supply. The total IBULL tokens that will be in circulation will never exceed 1 trillion. With the expansion of Ibullswap's user base, the utility of IBULL will surge, but the number of tokens stays constant. This creates a demand for IBULL, and the probability of its price hitting the roof is 100%. Limited supply is also the reason behind Bitcoin's success. There will never be a dilution in the price of these coins.



REFERRAL- PROGRAM

Ibullswap's Referral program is a word-of-mouth initiative designed by itself to incentivize existing community members to introduce their family, friends, and contacts to enjoy the essence of Ibullswap. As an end-user or a blockchain enthusiast, we know how well you enjoy Ibullswap's services. This referral program takes the fruits of decentralization to your kin, creating a win-win situation for both the existing users and the new members.

Why Ibullswap?

Supports Multiple Wallets - Ibullswap allows the users and admin to integrate multiple wallets to the platform, making it seamless to manage their digital assets in the desired wallets.

No Tedious KYC - Since Ibullswap is deployed on top of the Binance Smart Chain (BSC), there is not much KYC process unlike the centralized exchanges. As a result, users can enjoy utmost privacy.

Low barrier to entry - Ibullswap aims to take the fruits of blockchain-based tokens and decentralization to everyone unmindful of their financial climate. Also, the UI/UX of Ibullswap is easy to use, even for people without any prior blockchain experience.

Optimized Trades - Since the trades occur on BSC, there is no escalated gas fee as the ethereum blockchain. As a result, trades are cheaper, faster, and the traders are happier!

Incentivizing the users - Ibullswap offers a less resource-intensive alternative for mining that enables the users to earn rewards. In addition, Ibullswap supports staking, liquidity mining, and lottery (shortly).

IBULLSWAP

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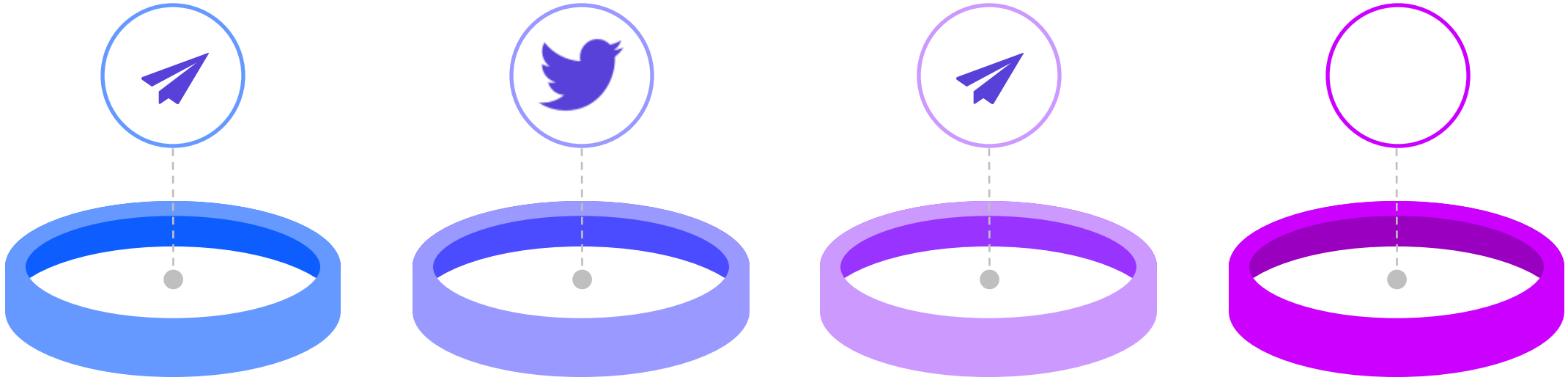

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THANK YOU

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