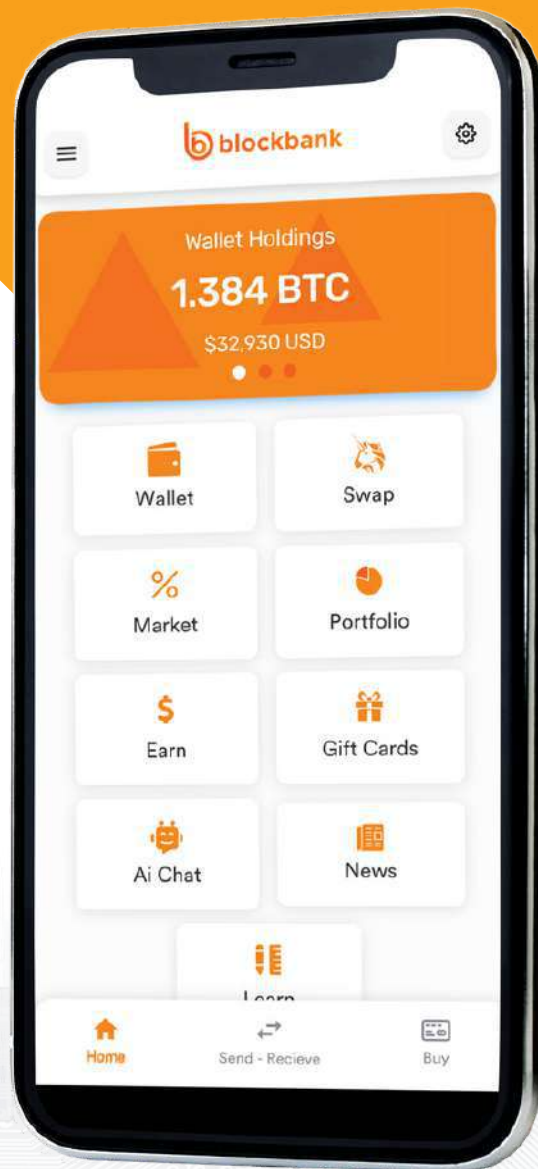


WHITEPAPER

BLOCKBANK © 2021



BlockBank.ai

Your Intelligent Advisor

Leveraging Artificial Intelligence for
Centralized and Decentralized Finance,
Robo-Advisory, and Banking Applications.



Why NeoBanking & Decentralized Finance (DeFi) are Transforming Global Finance

Rapid advances in financial technology (FinTech), artificial intelligence (AI), blockchain, and smartphones are transforming the global economic and financial landscape. Consumers can now access traditional and blockchain-based financial assets using their smartphones.

Technology is quickly decentralizing and democratizing finance on a global scale while strengthening the development, inclusion, and efficiency of financial services. But as a result of the rapid pace of change, many of the advancements in Fintech, RegTech, AI, and blockchain remain inaccessible to the average consumer due to their complex and tedious learning curves.

The blockchain industry, especially decentralized finance (DeFi), is plagued by poor user interfaces, lack of customer support, and insufficient data, which is significantly slowing its global adoption. A lack of easy-to-use and easy-to-understand DeFi applications is producing a lack of trust and lowering the adoption rate of retail market participants.

Decentralized Finance: Risk and Opportunity

Decentralized Finance (DeFi) is in the process of joining FinTech, regulation technology (RegTech), cryptocurrencies, and digital assets as an emerging technological evolution in global finance. DeFi holds the potential to fundamentally change traditional financial accountability and erode the effectiveness of traditional financial regulatory frameworks. Regulators are discussing how to regulate DeFi, which will result in a reconcentration of wealth within the DeFi industry to ensure the authorities have effective oversight and risk control .

The core objective of DeFi is to achieve financial decentralization outside of traditional financial institutions. Transitioning from a centralized financial system to a global decentralized financial system requires both regulation and banking intermediaries to facilitate the transition while remaining legally compliant. Banking licenses, brokerage licenses, and insurance licenses are all needed for compliant operation within a decentralized banking system.

Development of DeFi Applications

Since the ICO wave of 2017, many DeFi projects providing infrastructural services to the cryptocurrency industry mimicking traditional finance have been launched, such as:

Algorithmic, autonomous interest aggregation:

Compound, Yearn Finance, Harvest Finance, Vesper

Automated market makers (AMM):

Uniswap, Balancer, 1Inch, SushiSwap

Agregators/portfolio overview:

Zapper, Enzyme Finance, Betoken

Collateralized lending:

AAVE, Maker, Compound, dYdX

Collateralized stable assets (stablecoins):

DAI, Ampleforth, Augmint

Decentralized insurance:

Nexus Mutual, Etherisc, Nsure, Cover Protocol

Decentralized prediction markets:

Augur, Erasure, Futureswap

Derivatives:

Syntheticx, Hegic, Opyn

Payments:

Flexa, Lightning Network, xDai

DeFi users access a wide range of platforms, tools and tokens, allowing them to utilize multiple strategies to generate yield. This new wave of financial and technological innovation within DeFi created a solid foundation for mainstream adoption by prioritizing security, decentralization, and autonomy. What's lacking in DeFi includes:

- Great user interfaces
- A stable regulatory environment
- Sufficient know your customer (KYC) strategies
- Accurate risk management assessments

The total value locked within DeFi projects exceeds \$39 billion at the time of writing, and with the number of unique users growing, DeFi represents a paradigm shift in the financial services industry with an opportunity for exponential growth⁽²⁾. The existing use cases in the complex decentralized ecosystem demonstrate the value of digital blockchain-based assets go far beyond speculative trading.

Total Value Locked (USD)

\$43.43B

Source: DeFi pulse 2021
as of 17/03/2021

Total Value Locked (USD) in DeFi

TVL(USD) | ETH | BTC

All | 1 Year | 90 Day | 30 Day



Analysis of DeFi Users: Retail Vs. Institutional Investors

There is a significant knowledge and technological gap between retail investors and advanced market participants (venture capital firms, private equity firms, investment funds, and angel investors). The key differentiating factor is the power to analyze, review and select the best earning strategies when combining banking services with DeFi. Traditionally, well-established firms have a competitive advantage over retail investors without access to sophisticated analytical tools.

Bloomberg reports that DeFi is now “being taken seriously” by traditional finance. In a European-wide survey of financial institutions spanning across insurance, banking and trading analysts found⁽³⁾:

- 86% are implementing or assessing services built on a DeFi framework. Of those companies, 31% are reporting an enterprise-wide rollout, or have deployed, use cases of DeFi.
- 58% of companies are concerned they will lose a competitive advantage by ignoring DeFi instruments.
- From 400 companies across Europe, 71% have a turnover or balance sheet above £10bn assessed, or implemented in DeFi, compared with 51% of companies turning over less than £100m.

DeFi: Barriers to Entry

The data is showing DeFi is projected to grow exponentially as it directly affects the operation models and governance structures of businesses. Restructuring business models through decentralised finance is increasing the speed and lowering the cost of financial transactions globally. In 2021 DeFi protocols are providing a safe-haven in a time of economic uncertainty and rapidly evolving government interventions.

Over the past year DeFi adoption increased significantly from ~\$1 billion in February 2020 to over ~\$40 billion in February 2021⁽²⁾. The rapid increase in value locked in DeFi projects resulted in many new potential users interested in participating, but many did not follow through with joining the DeFi breakout because of significant barriers to entry, such as:

- Participating in DeFi often requires trading on liquidity pools subject to high fees; which deters retail investors typically looking to make smaller investments.
- A scarcity of fiat on/off ramps adds another barrier, with users struggling to find the same ease of use as decentralized exchanges to get their fiat currency into the system.
- Another important factor is the knowledge gap between experienced users and those who have limited research who turn away from DeFi because they do not understand it.

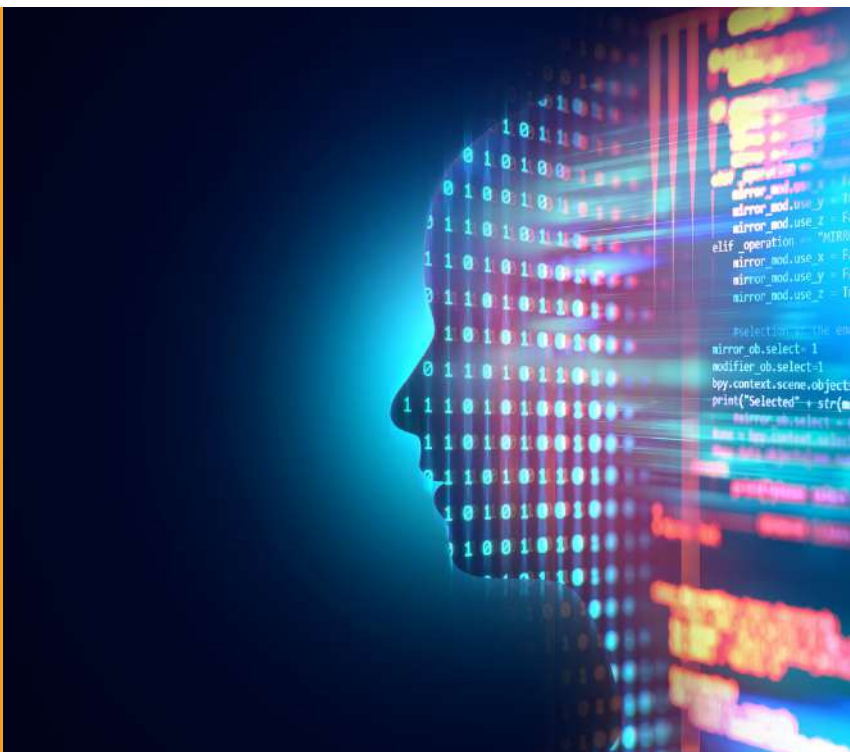
The DeFi ecosystem is complex and every user needs to participate using multiple platforms, manage their own funds while lending or borrowing, and keep track of a highly volatile industry themselves to limit their risk exposure. In order to make participating in DeFi profitable, users are de-facto required to have a high level of sophistication and understanding of what services are available within the DeFi marketplace. An evolving DeFi industry is creating an environment where profitable strategies have to be constantly monitored and adjusted.

Retail users do not have the time or energy available to them to fully take advantage of opportunities with DeFi. They are in a paradoxical position, they are aware that DeFi platforms are important to diversify and grow their asset portfolios, but without proper risk management or advisory services, they're unable to take full advantage of opportunities within DeFi. Retail investors understand financial independence and profitable participation within the DeFi marketplace is highly energy intensive and difficult to achieve without proper tools.

Artificial Intelligence and Robo-Advisory

Almost every aspect of the digital economy is trending towards automation. Neobank platforms, blockchain-based digital transactions, online shopping, ride sharing, real estate, auto sales, are all taking advantage of modern software automation tools. Robo-advisory services are one type of financial automation still at a nascent stage of development, especially in developing economies with large addressable markets, such as India.

In 2019 the robo-advisory industry had a total of \$980,541 million USD in assets under management (AUM), and an average AUM per user of \$21,421 USD. Business Insider (BI) forecasted that about \$8 trillion (approximately 10% of global AUM) will be under the management of robo-advisors by the end of 2020⁽⁴⁾



Approximately 20% of the addressable robo-advisory market is aware of existing robo-advisory services, but only 3% actually use robo-advisory services. Experts believe the significantly low adoption rate of robo-advisory services is due to the lack of confidence users have in software based advisory services, as opposed to the services they receive from a traditional (human) investment advisor. Users feel like humans can better address their unique emotional and behavioural concerns; especially during bearish market conditions⁽⁴⁾

Financial technology companies are addressing these user concerns by leveraging artificial intelligence (AI) to improve robo-advisory services. AI enables the analysis and prediction of both consumer behavior and the behavior of financial markets, making it a uniquely disruptive technology in the financial technology industry. Users can receive the most advanced financial market analysis using AI, and also have the AI present the information to them in a personalized way based on their unique needs, financial goals and concerns.

Neobanking

Neobanks, also known as challenger banks, are digital-based banks enabling novel business processes, business models, and value chain transformations. They are changing banking from a competitive marketplace to a more collaborative marketplace, creating a more customer centric banking experience and the possibility of new revenue streams. Neobanks typically invest in developing omni-channel multi-digitally-networked hubs of banking services through collaborating with other financial technology companies and developing their own in-house technologies.

In 2017 KPMG released a report finding ~90% of banks fear losing business to financial technology companies offering their customers shorter multi-modal and multi-directional banking services. They also found that over 73% of customers using traditional banking are consuming banking products and services on multiple platforms. The most disruptive technologies to the banking industry are thought to be blockchain/cryptocurrency, advanced analytics, big data, and innovative application interfaces⁽⁵⁾.

Neobanking is projected to disrupt traditional banking services by accelerating high-speed process automation, use of collaborative banking services, and faster networking potential resulting in reduced customer loyalty and less effective customer retention strategies deployed by traditional banks. Quick and easy access to transparent neobanking platforms that are making use of social media networks, mobile networks, and big data analytics weakens the strongest selling point of traditional banking – the bank-customer bond. With the decreasing importance of bank-customer relationships users will likely use services made cheaper, faster, and more convenient to use through neobanking services⁽⁵⁾.

Tokenizing Platform Productivity

Cryptocurrency tokenomics differs from discounting cash flows in traditional valuation models because they derive their value from the aggregation of transactional demand from a heterogeneous user base. Essentially the utility, or productivity, of the platform and its token gets its value from user activity. Introducing a cryptocurrency token to financial technology and neobanking platforms allows users to experience lower transaction costs when using the platform while also capitalizing on the platform's growth.

This process leads to a positive feedback loop between user adoption and token price acceleration while lowering price volatility experienced by users. Tokenizing a platform's productivity effectively increases its attractiveness at an early stage for users before the platform begins experiencing the positive benefits of network effects.

Token price relies on three fundamental factors⁽⁶⁾:

- 1 The platforms total productivity based on its value capture of functionality through use of technology within regulatory environments.**
- 2 The platforms user base creates a positive pressure on the tokens pricing formula, and is able to capture value as user adoption increases.**
- 3 User behaviour in response to changes in platform adoption, token pricing, as well as utility.**

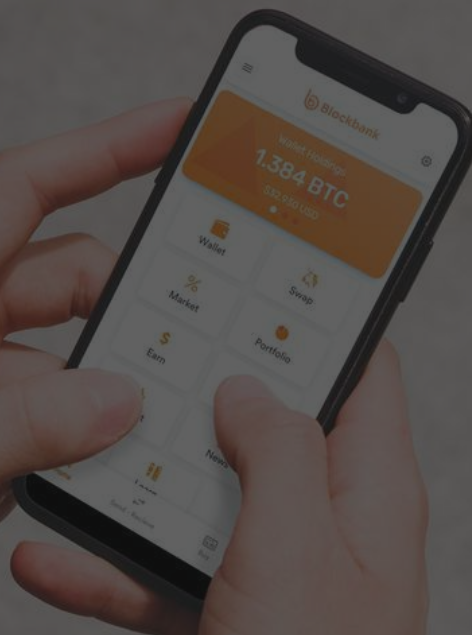
Introducing tokens on neobanking and financial technology platforms encourages early-adoption on productive platforms while also stabilizing user adoption. This occurs because early users expect the value of their tokens to appreciate over time resulting in lower carry costs when using the tokens at later dates.

Platform functionality tokenization also reduces overall volatility during temporary productivity shocks on the platform due to user expectations of future token price appreciation over the long-term.

The primary risk associated with tokenizing platform productivity is token liquidity. If liquidity is not present it can lead to highly volatile price action for the platform's utility token. The market of the platform's token may be illiquid at times, especially during the early-stages of token adoption. Tokenized platforms may offer their users staking incentives to provide token liquidity at different stages of platform adoption to address early liquidity issues.

For example, staking incentives increase as liquidity decreases and staking incentives decrease with increases in token liquidity, and/or staking incentives increase with the amount of tokens being staked by each user to provide token liquidity⁽⁶⁾.

BlockBank Overview



BlockBank closes the gap between existing DeFi opportunities and banking by providing users with a layer of security, improved usability, and AI-enhanced risk management through a neobanking experience.

The BlockBank platform is made for professional traders and new retail market participants looking to set their personal risk tolerance levels, receive AI-based advice on trading strategies, access modern banking services, and earn a better annual percentage yield (APY) when compared to traditional banking services. BlockBank users hold their blockchain assets in a non-custodial, cross-chain, cryptocurrency wallet with a built-in fiat gateway.

Bringing Intelligent Tools to the DeFi Marketplace

In order to fully utilize deployed funds across DeFi platforms, users have to possess a fundamentally sound understanding of smart contracts, potential red flags (such as lack of smart contract auditing, unfair tokenomics, or poor community support/engagement), and arising cyber security issues. Additionally, every user requires sufficient knowledge on decentralized lending, liquidity mining, and staking, to participate in DeFi effectively. Transaction complexity often results in higher fees, missed opportunities, or late liquidation of positions.

Experienced traders, DeFi early adopters, and brokers created BlockBank for a new generation of independent DeFi users looking for trustworthy tools to help them leverage market opportunities within an exponentially growing industry. BlockBank's proprietary, artificially intelligent, advisory technology offers users advanced reporting and trade execution strategies not offered by other platforms. BlockBank's technology closes the existing knowledge and technological market gaps that are negatively impacting DeFi users.

Building Blocks

The BlockBank platform consists of built-in blocks of technology allowing the delivery of a feature-rich and intuitive user experience. The BlockBank platform provides users with:

- AI advisory bot
- Non-custodial wallet
- Mobile and desktop applications
- Corporate accounts
- Fiat on/off ramp
- Cross-chain swaps
- Crypto-to-crypto swaps
- Access to decentralized applications (DApps)
- Access to a decentralized exchange (DEX) for trading cryptocurrency assets
- Our platform's BBANK utility token
- VISA/Mastercard integration
- SEPA/SWIFT integration
- Tokenized financial assets

BlockBank AI – Your Intelligent Assistant

DeFi's complex nature requires elegant trade execution and earning strategies to avoid high gas costs and slow speeds. BlockBank optimizes multi-step DeFi purchasing processes and adds a powerful AI assistant. Our AI assistant's patented technology brings the analytical power equivalent of hundreds of highly skilled financial analysts into the palm of our users; levelling the playing field between retail and institutional investors⁽⁸⁾. The BlockBank Intelligent Assistant provides a wide range of solutions for both DeFi and banking services by:

- Analyzing real-time activities
- Analyzing social media and news
- Risk profiling
- Advising on earning strategies
- Price prediction modelling
- Tech support
- Personalized alerts
- Trade execution
- Fraud prevention
- Personal finance tracker
- Personalized financial advice

Artificially Intelligent Robo-Advisory Meets DeFi



Data driven investment strategies are rising steadily, exceeding a trillion dollars in 2018 (7). Modern advances in AI allow monitoring and analysis of structured and unstructured data sets in a fraction of the time it takes without using AI. Our Intelligent Assistant predicts asset performance based on all available relevant market data sets allowing BlockBank to make more informed investment decisions.

The BlockBank Intelligent Assistant makes recommendations for the strongest, safest, and most profitable earning and asset management strategies based on personalized risk profiles. Each user defines their own short and long term goals, allowing our AI to effectively assist users in executing their DeFi investment strategies by closing knowledge gaps.

Beyond DeFi, our AI assistant supports both voice and text interactions for 24/7 user support. It offers support for our banking and DeFi services in order to reduce the waiting time to solve any issues experienced by users. The AI assistant also offers users personalized financial education regarding finance management, spending, upcoming payments, and financial optimization strategies based on the users unique personal profile, risk tolerance level, and a multitude of other personal economic factors shared with BlockBank.

Product Vision

Full Service Banking and DeFi

By employing state-of-the-art technological solutions, our multi-purpose platform offers our users a convenient full-service banking and DeFi mobile and web application. Our lean user experience (UX) is made for both savvy and new retail users. Clear and simple action flow is tailored to the client's needs in a digital environment.

BlockBank's banking, DeFi, and financial management services include:



The goal of BlockBank is to provide the necessary tools for financial literacy, AI-enhanced trading assistance, and a full service financial management platform. We are merging a rapidly growing DeFi ecosystem with a neo-banking experience for our customers.

Asset Insurance

Blockbank will be working with reputable insurance providers on the custody and non-custody side of the application and in the future will be acquiring the necessary international insurance licenses needed to provide the offer directly to their customers/ users.

Use of Blockchain Technology

BlockBank is not dependent on the use of blockchain technologies for many of its core functions, however, some of its functions are dependent on blockchain technology.

Any module of the BlockBank application using blockchain technology is built that way to leverage the advantages of the blockchain such as: AI accountability, data loss prevention, Proof of Order, and data integrity.

Blockbank module functionalities dependent on blockchain technology include:

- Trades and token swaps, that are executed and added to blockchains with information including trading pairs, amounts, wallet addresses, and BlockBank's unique identifier code. User information is never stored on the blockchain and is only recorded within the BlockBank application.
- Smart contracts involving users on the BlockBank platform are created by using pseudonymous usernames, the terms of the smart contract, and BlockBank's unique identifier code.

Neobanking Services Offered by Blockbank

1.Services enabling cash to be placed on a payment account as well as all the operations required for operating a payment account.

2.Services enabling cash withdrawals from a payment account as well as all the operations required for operating a payment account.

3.Services enabling crypto to be placed on a trading account as well as all the operations required for operating a payment account.

4.Services enabling crypto withdrawals from a trading account as well as all the operations required for operating a payment account.

5.Execution of payment transactions, including transfers of funds on a payment account with the payment service provider of the payment service user or with another payment service provider: execution of direct debits, including one-off direct debits, execution of payment transactions through a payment card or a similar device and/or execution of credit transfers, including standing orders.

6.Execution of payment transactions where the funds are covered by a credit line for a payment service user: execution of direct debits, including one-off direct debits, execution of payment transactions through a payment card or a similar device and/or execution of credit transfers, including standing orders.

7.Execution of payment transactions, including transfers of funds on a crypto trading account with the service provider of the service user or with another service provider: execution of direct debits, including one-off direct debits, execution of payment transactions through a payment card or a similar device and/or execution of credit transfers, including standing orders.

8. Execution of payment transactions where the funds are covered by a crypto credit line for a payment service user: execution of direct debits, including one-off direct debits, execution of payment transactions through a payment card or a similar device and/or execution of credit transfers, including:

- Standing orders
- Issuing and/or acquiring of payment instruments
- Money remittance

9. Execution of payment transactions where the consent of the payer to execute a payment transaction is given by means of any telecommunication, digital or IT device and the payment is made to the telecommunication, IT system or network operator, acting only as an intermediary between the payment service user and the supplier of the goods or service.

BlockBank Wallet

The BlockBank cryptocurrency wallet integrates with the rest of the BlockBank platform allowing our users to buy crypto using their debit card, manage their crypto assets 24/7, and store their crypto in a non-custodial smart wallet with built in fingerprint and PIN security system.

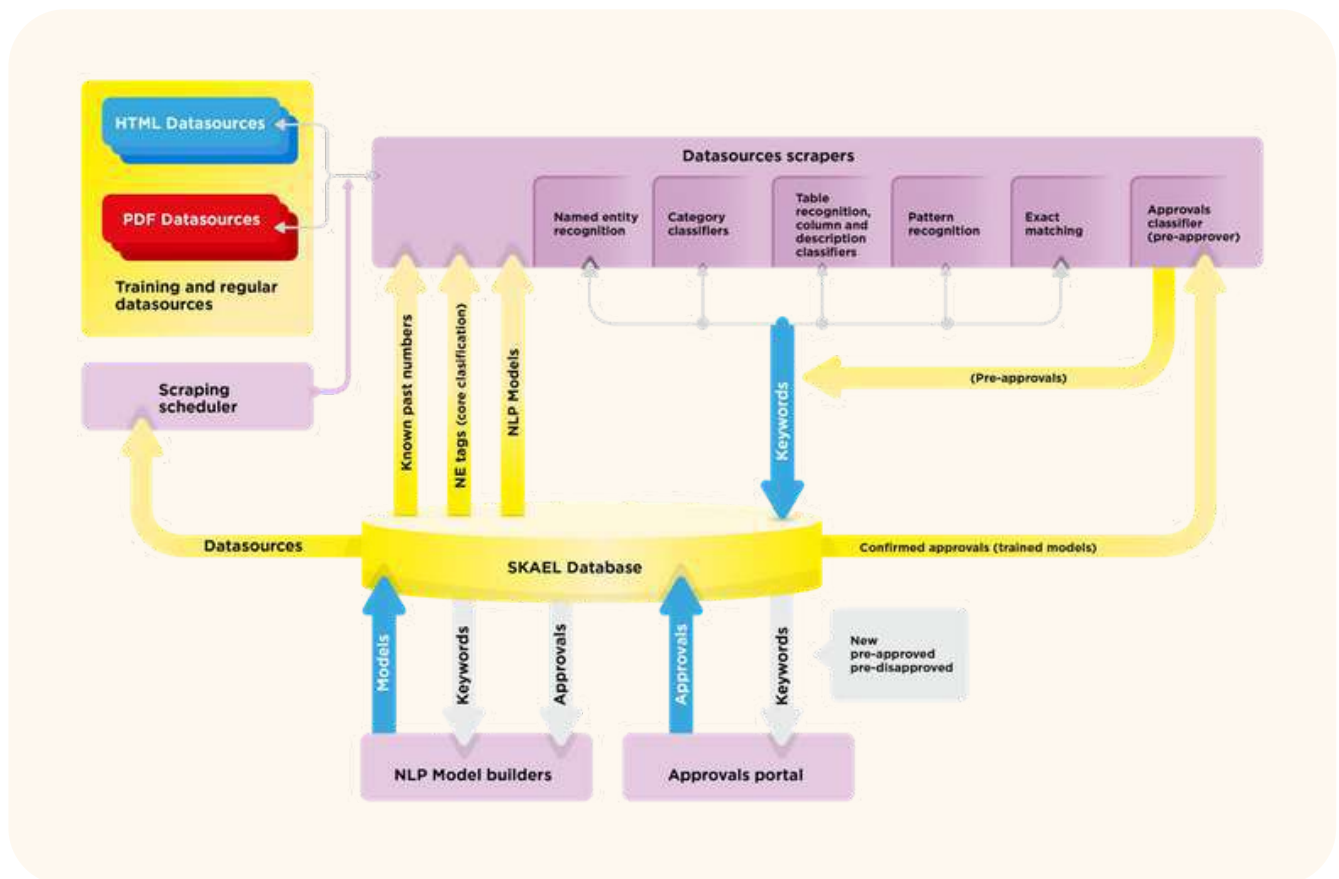
During our research into the concerns of cryptocurrency users we found the two major concerns are fears of crypto assets being stolen and assets held in crypto exchanges disappearing. The BlockBank team was able to create a solution to the fears of cryptocurrency users through our AI technology. BlockBank leverages our patented Intelligent Assistant to add increased security to our users' assets by allowing it to constantly monitor user holdings and behavior, and flag any suspicious activity requiring further confirmation from the user.

BlockBank also uses an internal token authentication protocol (TAP) for verifying transaction details before sending any asset within the BlockBank ecosystem for added security. TAP allows users to simply send tokens to users on their contact list without needing to input token addresses. BlockBank internally automatically inputs and verifies user addresses receiving tokens on behalf of the sender.

BlockBank's AI Technology

Artificial Intelligence is at the core of each layer of the BlockBank applications, and combines both centralized and decentralized elements. BlockBank and SKAEL Inc have an exclusive agreement to use SKAEL's patent AI technology. The patent is filed under Application Type: Utility under 35 USC 111(a) in the United States under Title of Invention: **"Machine Learning Digital Assistant" technology.**

This technology allows BlockBank to apply a more complex and contextual understanding of the cryptocurrency industry while offering a robo-advisory service well beyond what is capable using pre-programed bots for rudimentary answer finding.



This is the official diagram submitted for SKAEL's patent. It goes through the Ai process which is explained shortly.

AI Layers

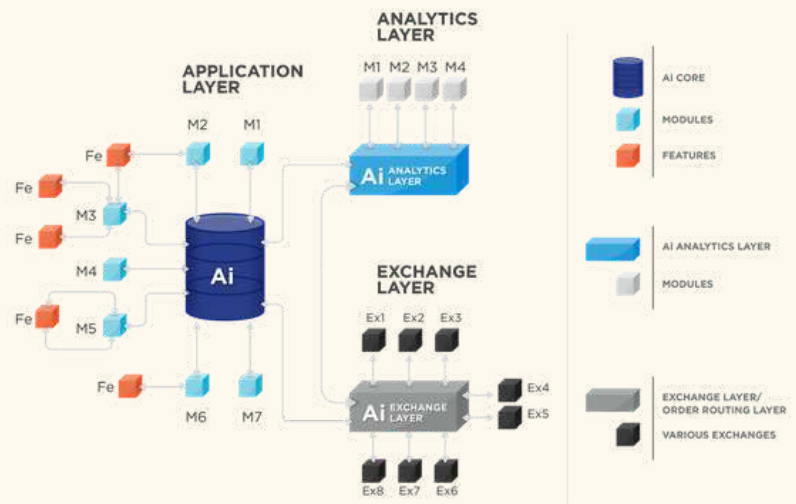
The three primary layers making up BlockBank connected to our artificial intelligence platform are an analytics layer, application layer, and exchange layer. Each layer contains modules responsible for collecting and/or analyzing information from external data sources. BlockBank developed fail-safe protocols into our application layers to ensure our analytics layer is unreachable by potential cybersecurity threats.

Application Layer

BlockBank built a modular software architecture to make future improvements to functionality and user experience.

The application layer allows users to access all the features and services offered by BlockBank such as:

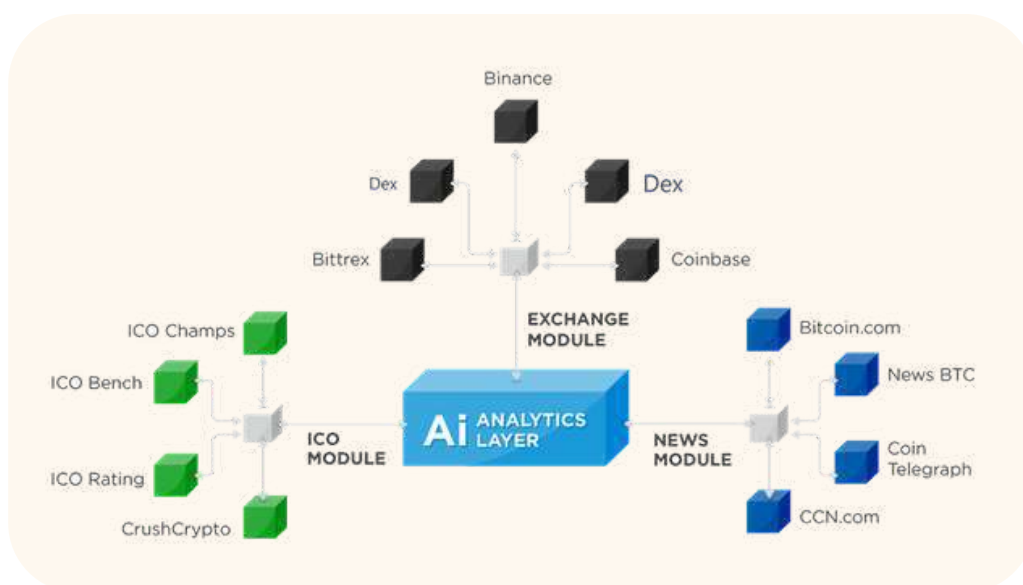
- Alerts
- ICO reviews
- Tax calculations
- Basic trading strategies
- Advanced trading strategies
- Trade analysis
- Coin swaps
- Social communications
- Loan contacts
- Rental contracts
- Exchange partnerships
- Text and voice chat with the BlockBank Intelligent Assistant



The diagram above showcases the architectural overview of how the modules and layers communicate with each other.

Analytics Layer

The BlockBank AI excels at data cleaning by effectively sorting, verifying, tagging, and trusting data after it is corrected, and also excluding data that is incomplete, corrupted, or inaccurate. The AI can automatically detect data outliers and incorrect data points. It independently analyses how users are asking for information, and how the data is structured and curated across multiple sources. By analyzing data structures our AI learns how to store and serve data appropriately to users after cleaning and analyzing consistent anonymized data. End users are able to receive correlated and prioritized data points from our AI to make more intelligent investing decisions.



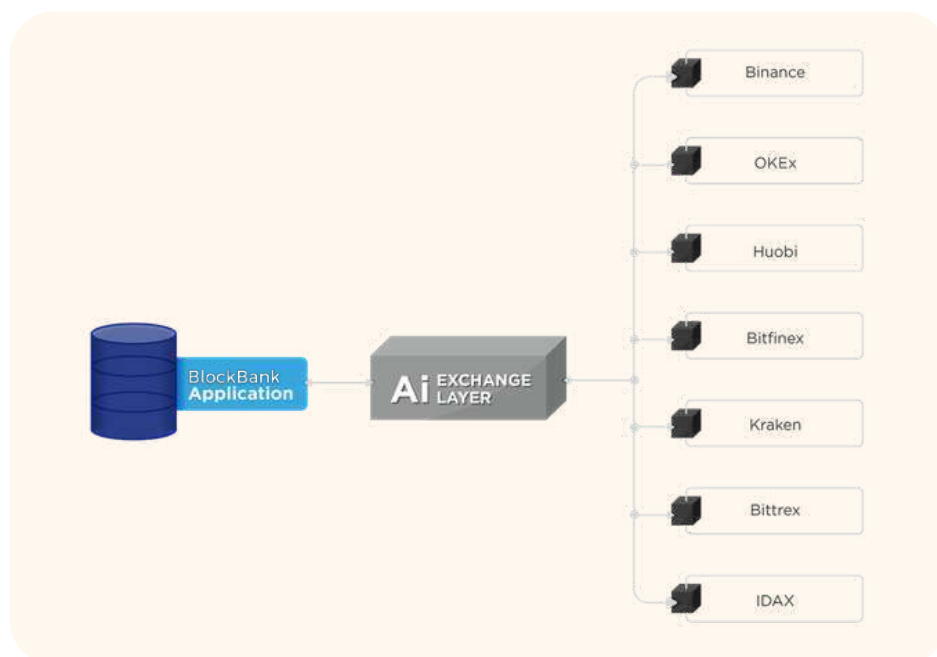
The diagram above represents how various data points are categorized and placed into their respective modules.

Exchange Layer

BlockBank's exchange layer uses a smart routing order system to route orders through centralized and decentralized cryptocurrency exchanges.

The AI exchange layer connects directly to other exchanges facilitating trades, order matching, and order routing after taking into account liquidity, token price, order book, exchange fees, and withdrawal fees to ensure BlockBank users are getting the best deal. Our exchange layer aggregates data from multiple exchanges and maintains accounts on each exchange on behalf of the user.

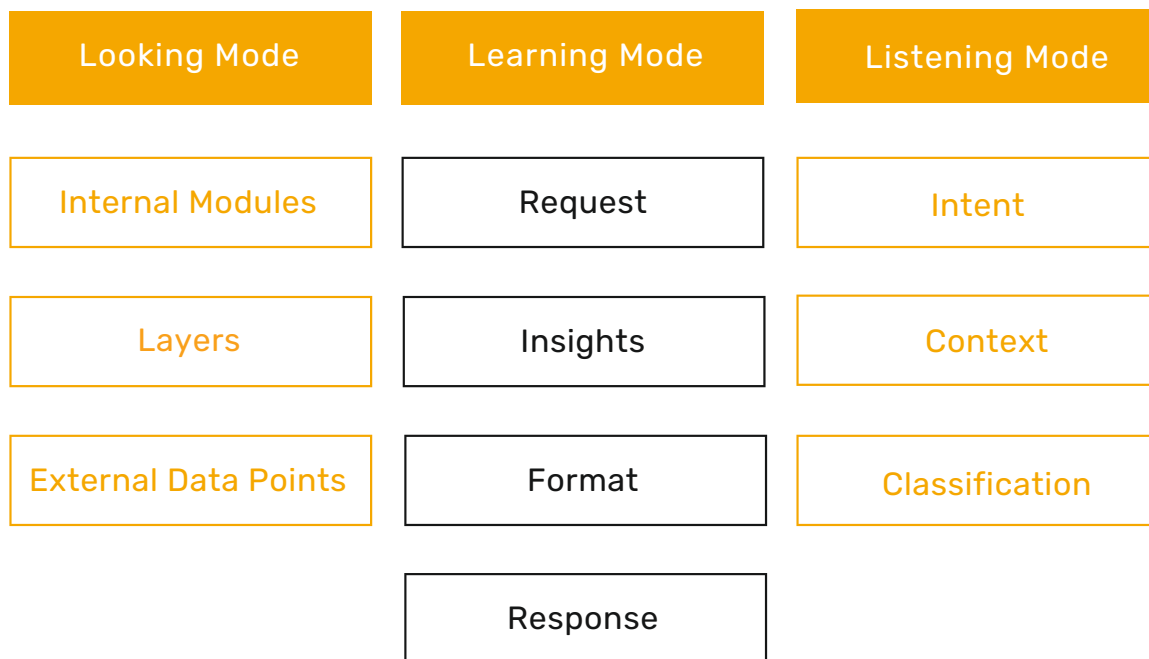
The AI enhanced exchange layer centralizes decentralized exchange data points and analyzes them to get BlockBank users the best price offers possible.



This diagram represents how the Exchange layer communicates and routes orders via various exchanges

3 Flow Process of the BlockBank AI

The AI layers making up the BlockBank platform allow our application to perform three critical flow processes: looking (ML integration), Learning (AI & supervised ML), and Listening (NLP).



Looking (ML integration)

Looking (ML integration) is based on our proprietary combination of RNN, FNN and DNN algorithms to automatically extract, classify, and categorize repetitive information while correlating relevant data. Data sources used by BlockBank to gather and analyze data include: centralized and decentralized cryptocurrency exchanges, white papers, datasheets, and specification documents.

Learning (AI & supervised ML)

Learning (AI & supervised ML) is mostly done through supervised ML on the BlockBank platform. Most learning responses are generated through machine repetition and understanding of context, and category and request vs. available information. Our learning methodology allows our AI to quickly develop its own structured responses and recommendations. It is able to clean, store, and think based on interpreting and translating natural language requests to queries, overlaying relevant benchmark data, and making prescriptive and predictive insights.

Listening (NLP)

Listening (natural language processing or NLP) is based on Google's Slot, Intent, and Classification methods of the Google Assistant combined with Named Entity Recognition Models.

We chose to process language with our AI this way to allow us to capture our users intentions with context before classifying and processing requests. This allows BlockBank to offer a more personalized robo-advisory service. Our AI draws data from conversation sources found on BlockBank's applications on IOS, Android, and Windows, and also from voice assistants such as Google, Alexa, etc.

Web3 Functionality

BlockBank provides a fully functional Web3 browser allowing users to interact with any decentralized application. It provides a secure connection between users and DApps on Ethereum and Binance Smart Chain. Our app facilitates trades, matches orders, analyzes asset liquidity, and optimizes gas fees through our AI exchange layer.

Staking Cryptocurrency Assets

BlockBank supports staking multiple cryptocurrency assets. Staking provides cryptocurrency holders decision power on the network through voting and increased APY of their assets. Earning strategies are at the core of the DeFi market, therefore it is essential to enable our users to access them in a secure environment. The BlockBank Intelligent Assistant provides users with recommendations for the most profitable DeFi staking strategies based on market up-to-date market conditions.

BBANK Tokenomics

BBANK token is BlockBank's native utility cryptocurrency token. It is used to access BlockBank services, boost user APY, and earn interest on their tokens. BBANK is developed on the Ethereum blockchain and follows the ERC20 token standard.

The core functions of BlockBank are not dependent on BBANK and are accessible to users free of charge. However, BBANK is used to unlock various features of the BlockBank platform outlined in the following diagram:

BBANK Token Usage



The BBANK Token: By using the BBANK token, users gain access to premium features, higher APYs and exclusive offers.

BlockBank Privacy and Security

BlockBank is working with industry leading enterprise-grade IT security and audit firms to ensure the company is able to keep its customers' information and assets safe. Our software and cryptocurrency platform intends to be compliant with the following security standards:

ISO 27001

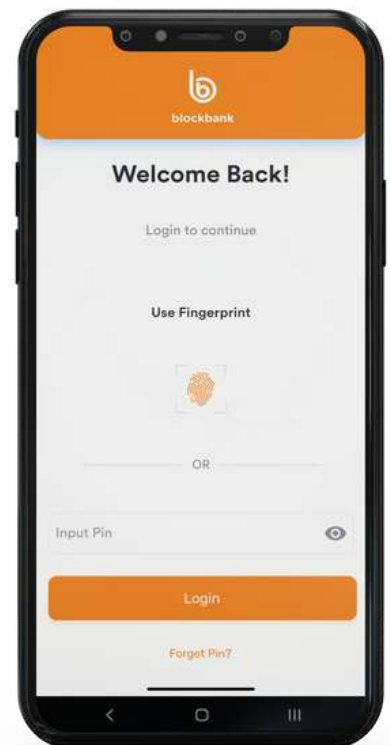
SOC1

SOC2

CCSS

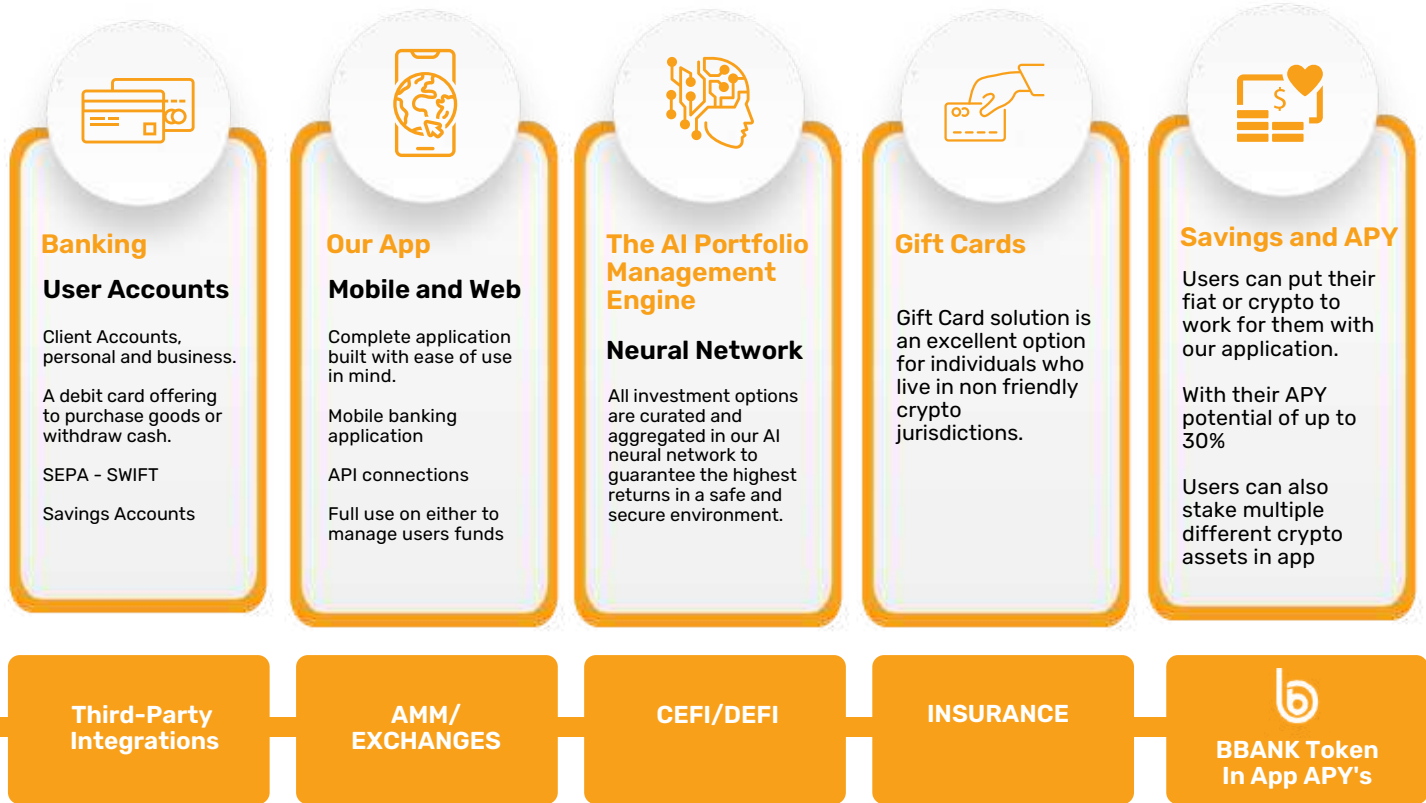
All user data is stored using AES-256 encryption, user logs are detailed and regularly updated, and our platform restricts any unnecessary communications with our application to potentially compromised third party systems.

Users access BlockBank using biometrics (fingerprint, facial recognitions, and biometrics recognition), a 4 digit pin code, and can backup and restore their AES-256 encrypted accounts using a PIN code and password.

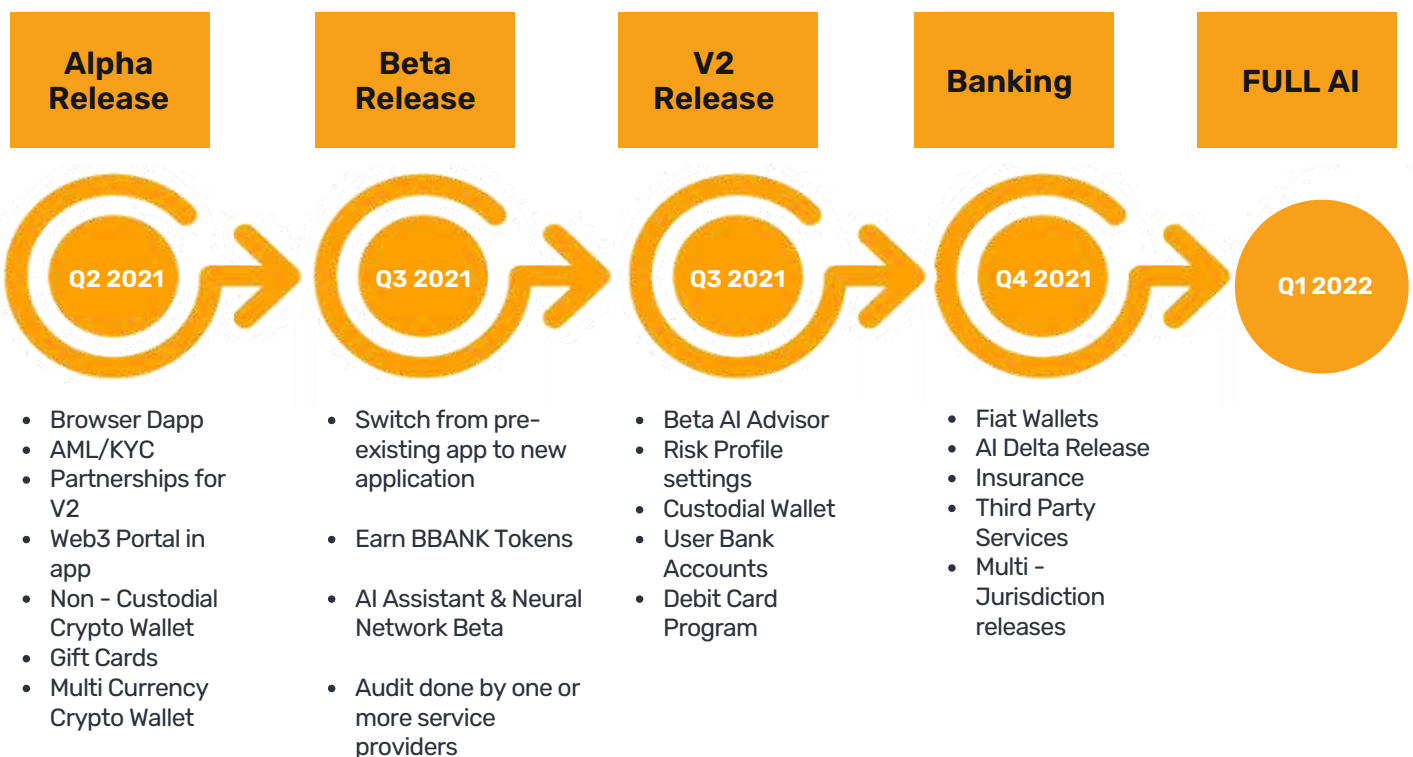


BlockBank Roadmap Overview

Building Blocks



BlockBank Timeline



References

- 1.Zetzsche, D. A., Arner, D. W., & Buckley, R. P. (2020). Decentralized finance. Journal of Financial Regulation, 6(2), 172-203
- 2.DeFi Pulse | The DeFi Leaderboard | Stats, Charts and Guides. (2021). DeFi Pulse.
<https://defipulse.com/>
- 3.P.R.N. (2020, August 22). "We're ready for Decentralised Finance," claim traditional financial service institutions. Bloomberg.com. <https://www.bloomberg.com/tosv2.html?vid=&uuid=3cbd1d00-7c1b-11eb-b938-3155c3574f10&url=L3ByZXNzLXJlbGVhc2VzLzlwMjAtMTAtMjlvLXdILXJILXJlYWR5LWZvci1kZWNIbnRyYWxpc2VkLWZpbmFuY2UtY2xhaW0tdHJhZGI0aW9uYWwtZmluYW5jaWFsLXNlcnZpY2UtaW5zdGI0dXRpb25z>
- 4.Rasiwala, F. S., & Kohli, B. (2021). Artificial Intelligence in FinTech: Understanding Stakeholders Perception on Innovation, Disruption, and Transformation in Finance. International Journal of Business Intelligence Research (IJBIR), 12(1), 48-65.
- 5.Sibanda, W., Ndiweni, E., Boulkeroua, M., Echchabi, A., & Ndlovu, T. (2020). Digital technology disruption on bank business models. International Journal of Business Performance Management, 21(1-2), 184-213.
- 6.Cong, L. W., Li, Y., & Wang, N. (2021). Tokenomics: Dynamic adoption and valuation. The Review of Financial Studies, 34(3), 1105-1155.
- 7.Sharpe, S. S. (2018, August 2). Quant Hedge Funds closing in on \$1 trillion in AUM. Inventurerecruitment.Com. <https://inventurerecruitment.com/news/2018/10/2/quant-hedge-funds-closing-in-on-1-trillion-in-aum>
- 8.Nadimpalli, B. (2017, February 27). Machine-learning digital assistants. Patents.Google.Com. <https://patents.google.com/patent/US20180247648A1/en?q=US20180247648A1>

Disclaimers

Legal Implications of Token Launches

BBANK tokens are functional utility tokens within the BlockBank ecosystem, which is a fully functional platform with a digital currency wallet. BBANK tokens are not securities. BBANK tokens are non-refundable. BBANK tokens are not for speculative investment. No promises of future performance or value are or will be made with respect to BBANK, including no promise of inherent value, no promise of continuing payments, and no guarantee that BBANK will hold any particular value. BBANK tokens are not participation in the Company, and BBANK tokens hold no rights in the said company. BBANK tokens are sold as a functional good and all proceeds received by Company may be spent freely by the Company absent any conditions.

Licenses and Approvals

Licenses and approvals are not assured in all jurisdictions. BlockBank intends to operate in full compliance with applicable laws and regulations. The views and opinions expressed in this whitepaper are those of BlockBank, and do not reflect the official policy or position of any government, quasi-government, authority or public body (including but not limited to any regulatory body of any jurisdiction) in any jurisdiction. This whitepaper has not been reviewed by any regulatory authority.

Third-Party Data

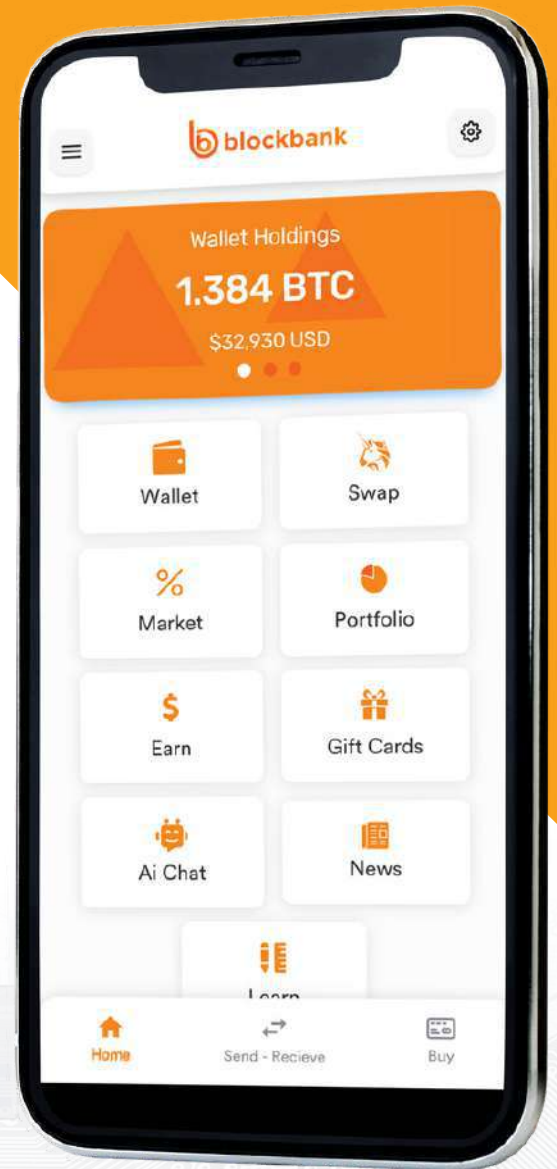
This paper contains data and references obtained from third-party sources. While the management believes that the data is accurate and reliable, they have not been subject to independent audit, verification, or analysis by any professional legal, accounting, engineering, or financial advisor. There is no assurance as to the accuracy, reliability or completeness of the data.

Translations

This paper and related materials are issued in English. Any translation is for reference purposes only and is not certified by any person. No assurance can be made as to the accuracy and completeness of any translation. If there is any inconsistency between a translation and the English version of this whitepaper, the English version prevails.

WHITEPAPER

BLOCKBANK © 2021



BlockBank.ai

**Harnessing The Power Of AI To Make Crypto
Simple. Stable. Secure.**

