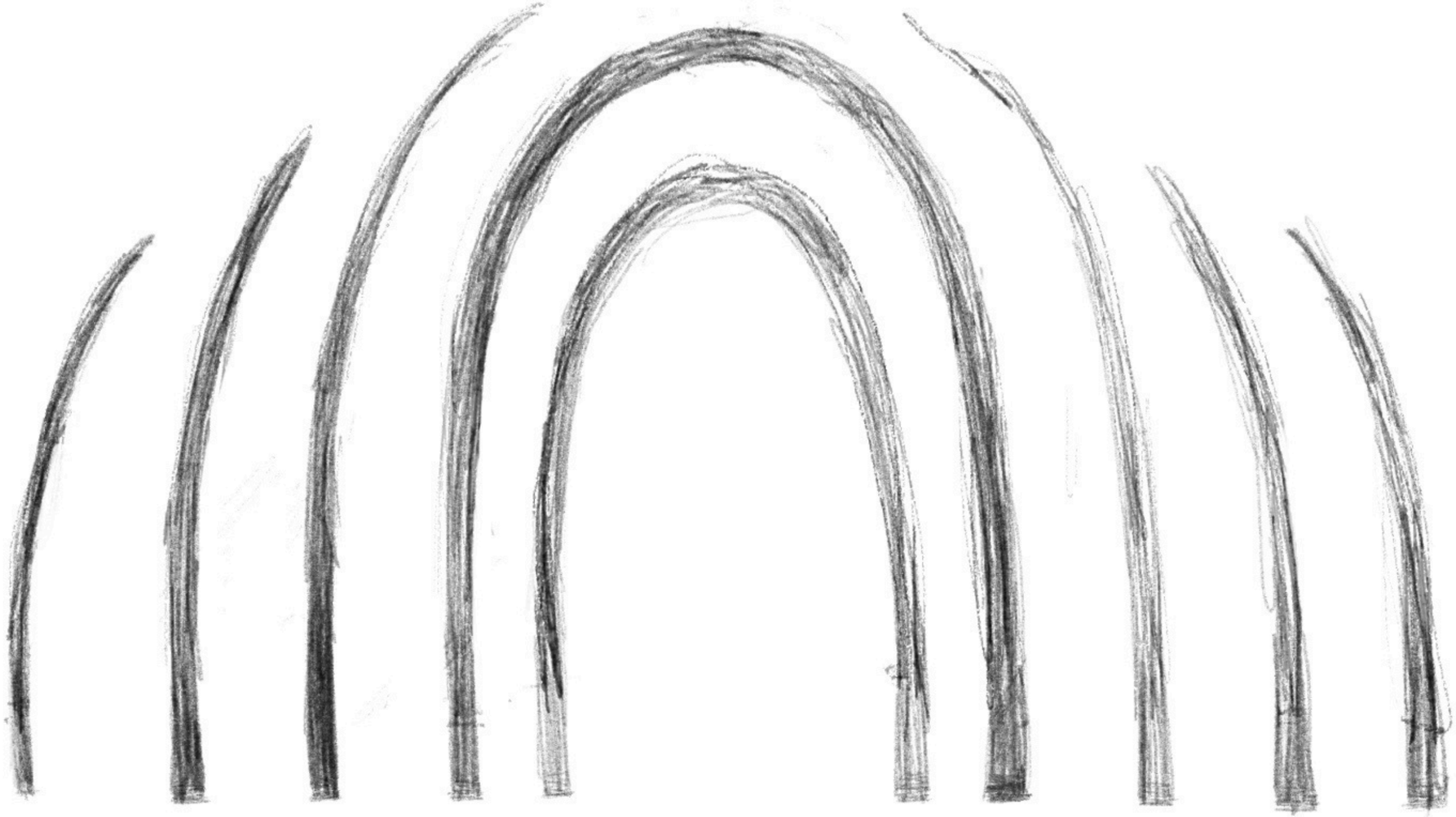


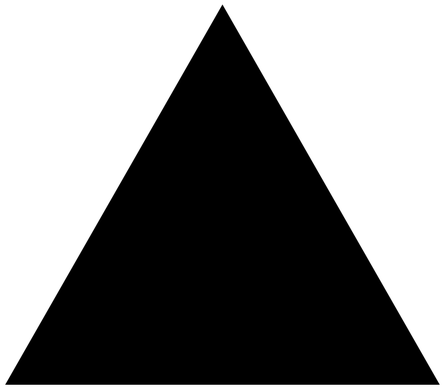
BLACK POOL

Solana's first DEX delivering real-time, MEV-resistant order execution.

The DEX trilemma

Real-time

Transactions and prices need to be updated in real-time.



Privacy

Safeguards the user against MEV and surveillance.

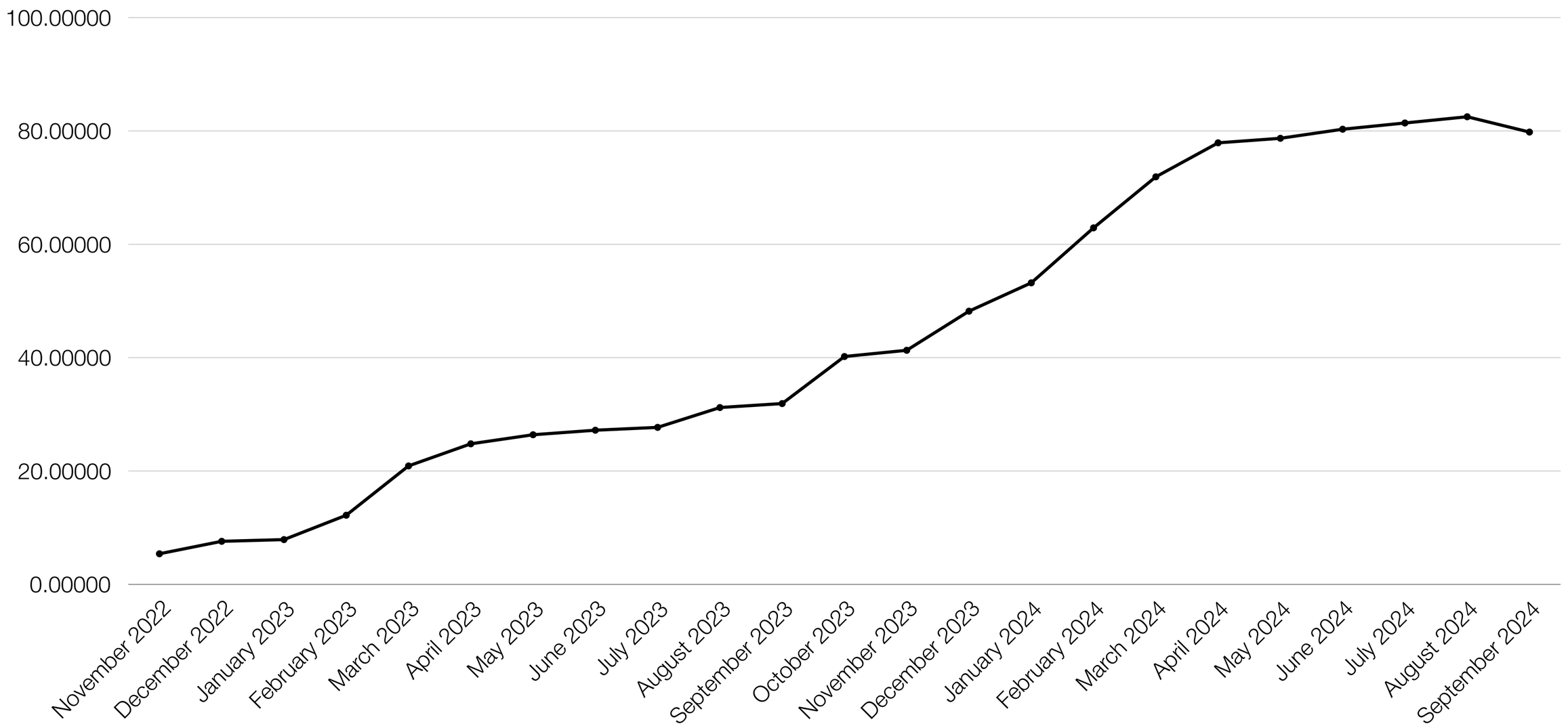
Capital Efficiency

Optimal use of funds

DEXes face a critical trilemma: they struggle to simultaneously achieve high speed, robust privacy, and optimal capital efficiency. Traditional AMMs are vulnerable to MEV attacks, compromising user privacy and trade execution quality. Order book models, while potentially faster, suffer from liquidity fragmentation. Meanwhile, attempts to mitigate these issues often result in slower transaction finality or reduced capital efficiency.

Jito share of Solana Stake over time

Draft



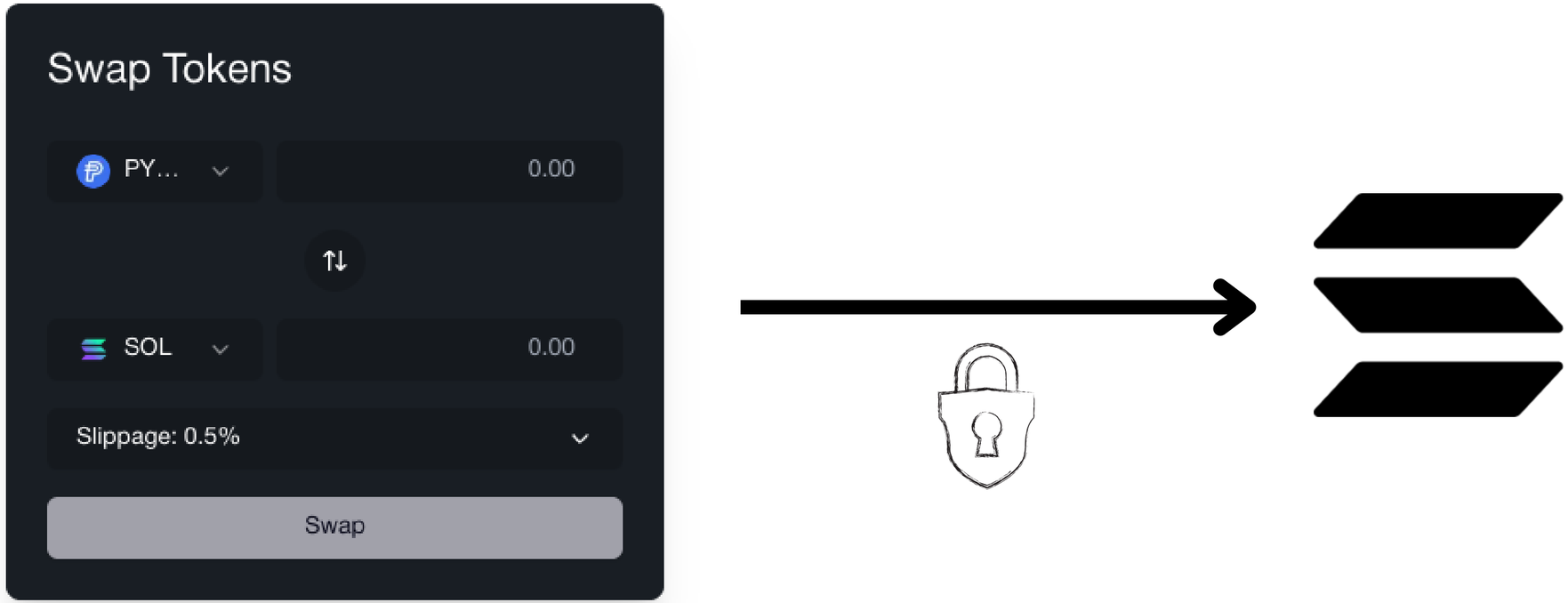
Jito's participation in the overall Solana stake serves as an indicator of the growth of Solana MEV.

Evolving the Dark Pool

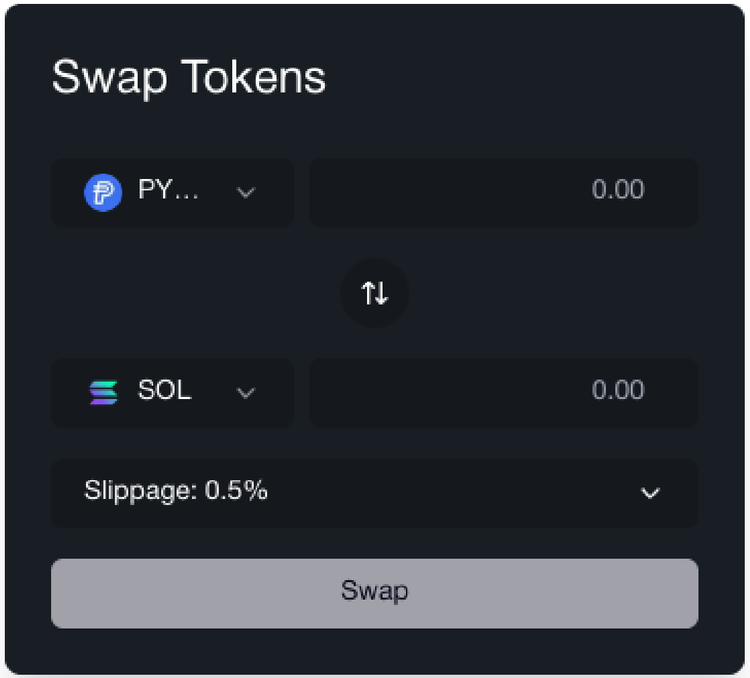
Draft

Dark Pools	Blackpool
Centralized operations	Decentralized on Solana
Limited transparency	Transparent operations
Privacy for large trades	Privacy-preserving execution
Minimize market impact	MEV-resistant trading

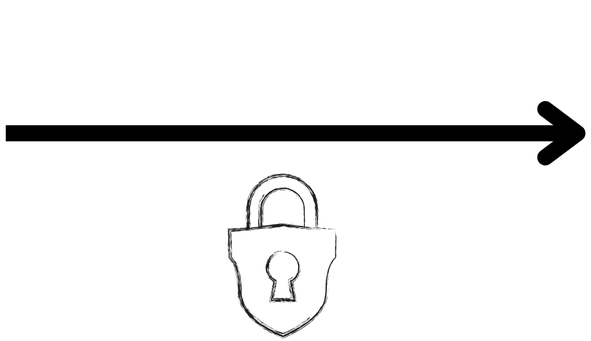
Combining Dark Pool privacy with DeFi transparency



The parameters of a trade - amount and slippage - are transformed into a zero-knowledge proof before being submitted to the Solana network.

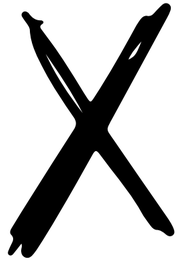


MEV searchers have a limited window of opportunity to act: the block time.



Solana produces a new block every 400ms

Raydium



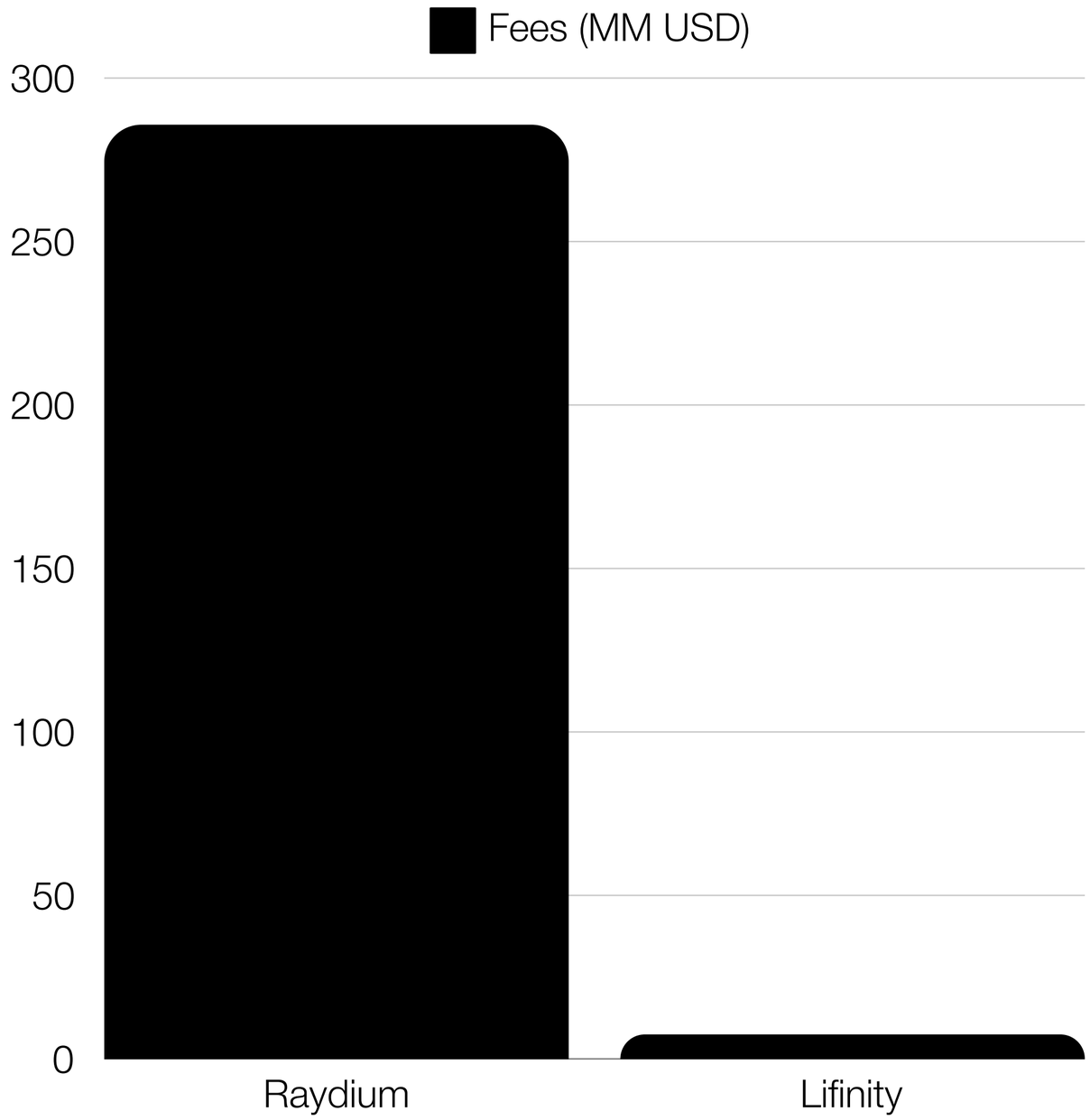
Transactions are easily parsed within the 400ms block time making MEV easy to extract

BLACK POOL

Blackpool

Transactions can't be parsed. MEV extraction is difficult and unfeasible within 400ms

Blackpool combines Solana's lightning-fast global state machine with on-chain zero-knowledge proofs, delivering real-time, MEV-resistant trading while preserving AMM liquidity benefits. The result: a fully decentralized exchange offering unparalleled speed, privacy, and capital efficiency at the frontier of decentralized finance.



We have the potential to collect most of these fees.

Protocol	Capital Efficiency	Notes
Blackpool (Initial CP AMM)	Moderate	Improves on traditional AMMs but less efficient than concentrated liquidity
Blackpool (CLMM)	High	Comparable to Uniswap v3, with added privacy benefits
Uniswap v3	High	Concentrated liquidity allows for efficient capital usage
CoWSwap	Moderate to High	Batch auctions can improve efficiency, but may not match CLMM
Traditional Order Books	Variable	Can be highly efficient but suffers from liquidity fragmentation

Draft

Privacy Workstream

Shielded Deposits & Withdraws

Safeguards user from unwarranted surveillance.

MVP

Capital Efficiency Workstream

Mainnet

Mainnet deployment of the CP AMM product

CLMM

Optimal capital efficiency

CU Optimization

Reduce Transaction Costs

Now

EOY 2024

Vitor Py - Founder & CEO

Experience

Meta: AI Systems & Accelerated Platforms

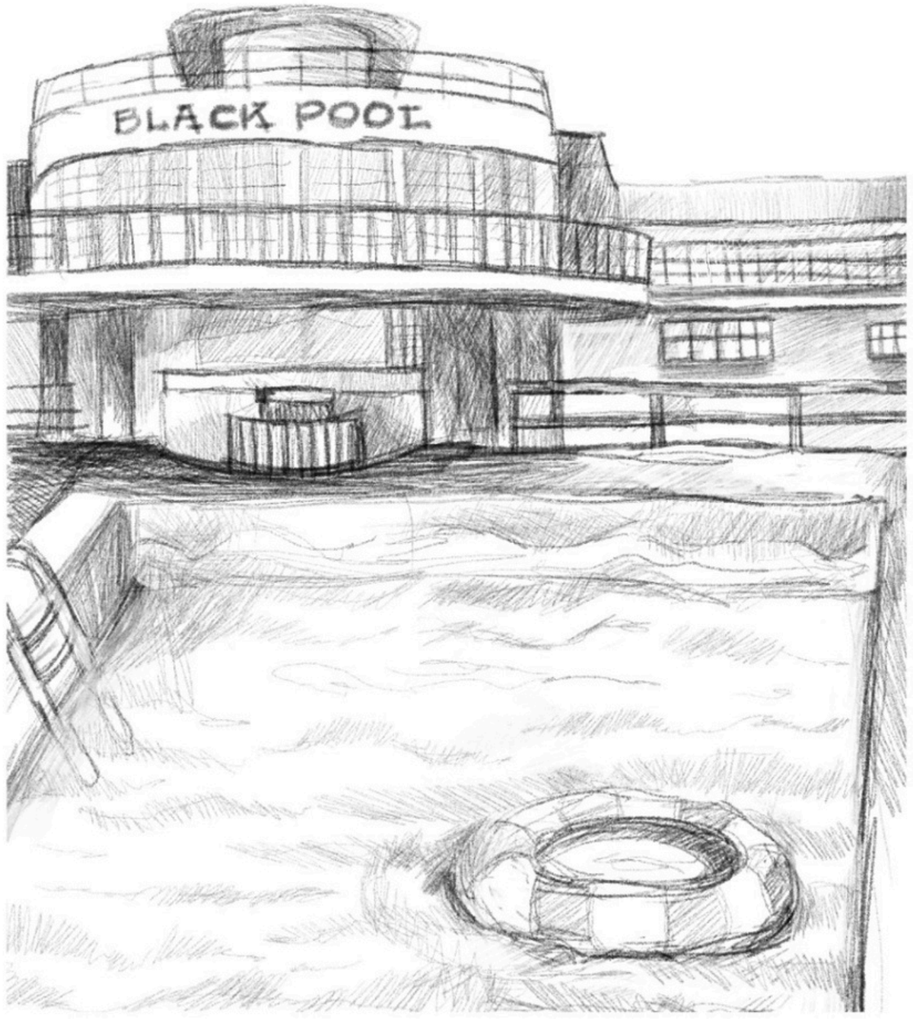
IBM: Distributed Systems

Entrepreneurial background

SIM: AI for Materials Science

Pillar: Ethereum smart wallet

Token Factory: FCA-regulated security token launchpad



https://blackpool.capital

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