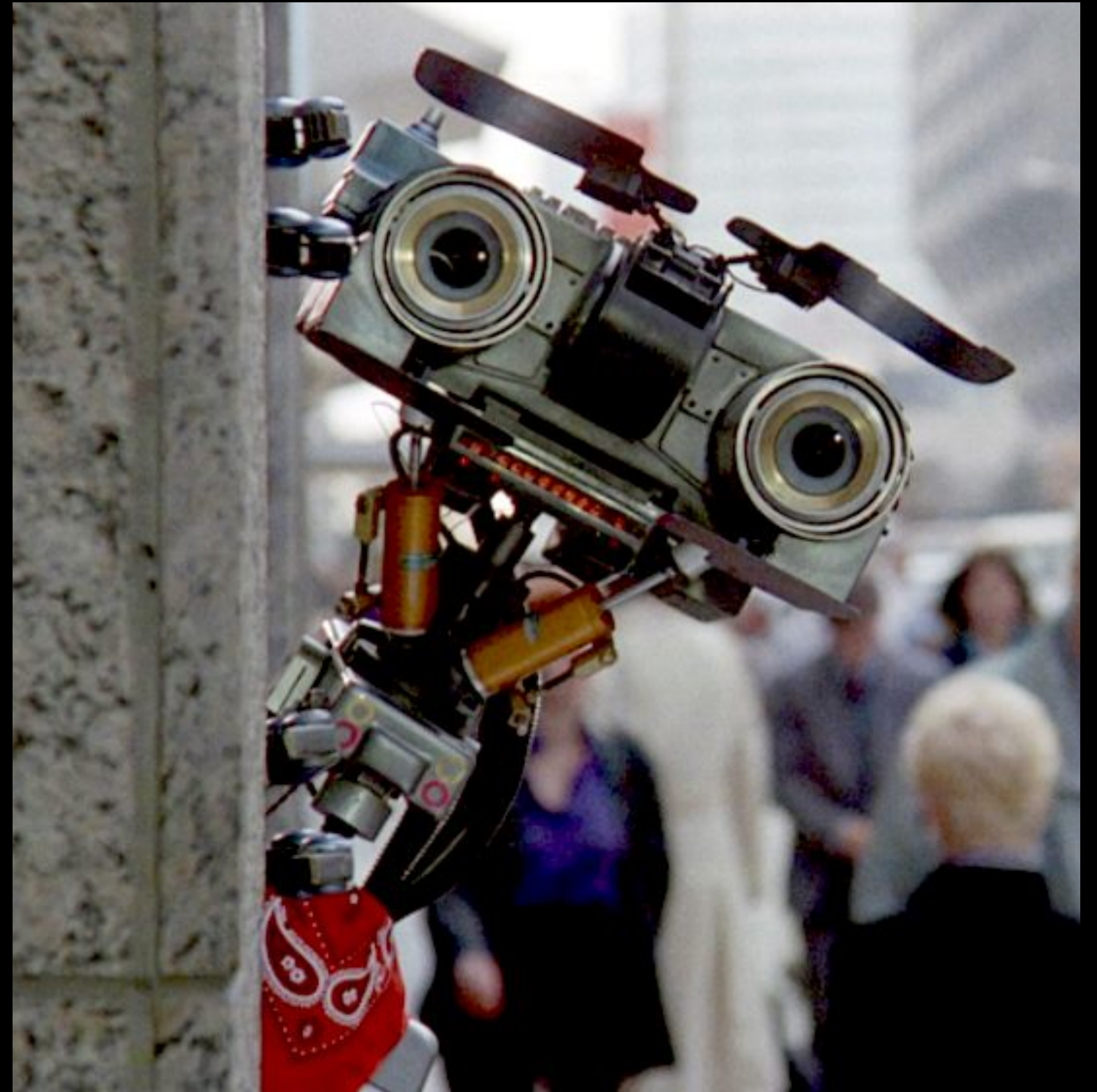# TEAM 5

**Arbitrage Bots for fun and profit**

# Introduction

**Team 5: Decentralized Arbitrage Innovators**

Team 5 is a group of blockchain enthusiasts dedicated to pioneering decentralized arbitrage solutions on the Solana blockchain.

- **Market Arbitrage:** Exploiting Price Differences

- **Team 5:** Innovating Decentralized Solutions
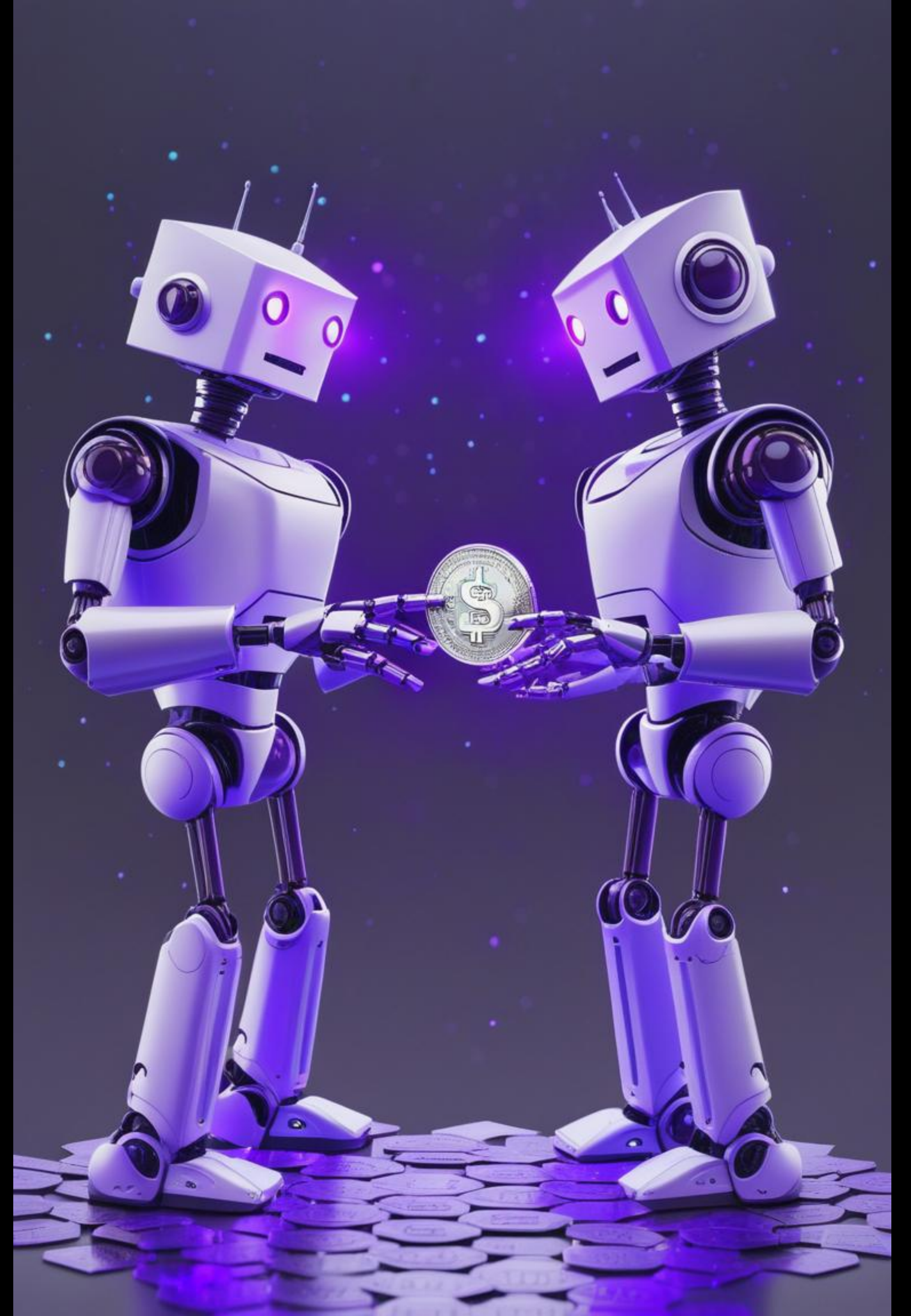
- **Solana Blockchain:** Our Playground

# Rationale
## Enhancing Market Efficiency

The deployment of an arbitrage bot serves to enhance market efficiency by capitalizing on price differentials across decentralized exchanges.

- Seizing Profit Opportunities

- Contributing to Liquidity and Stability
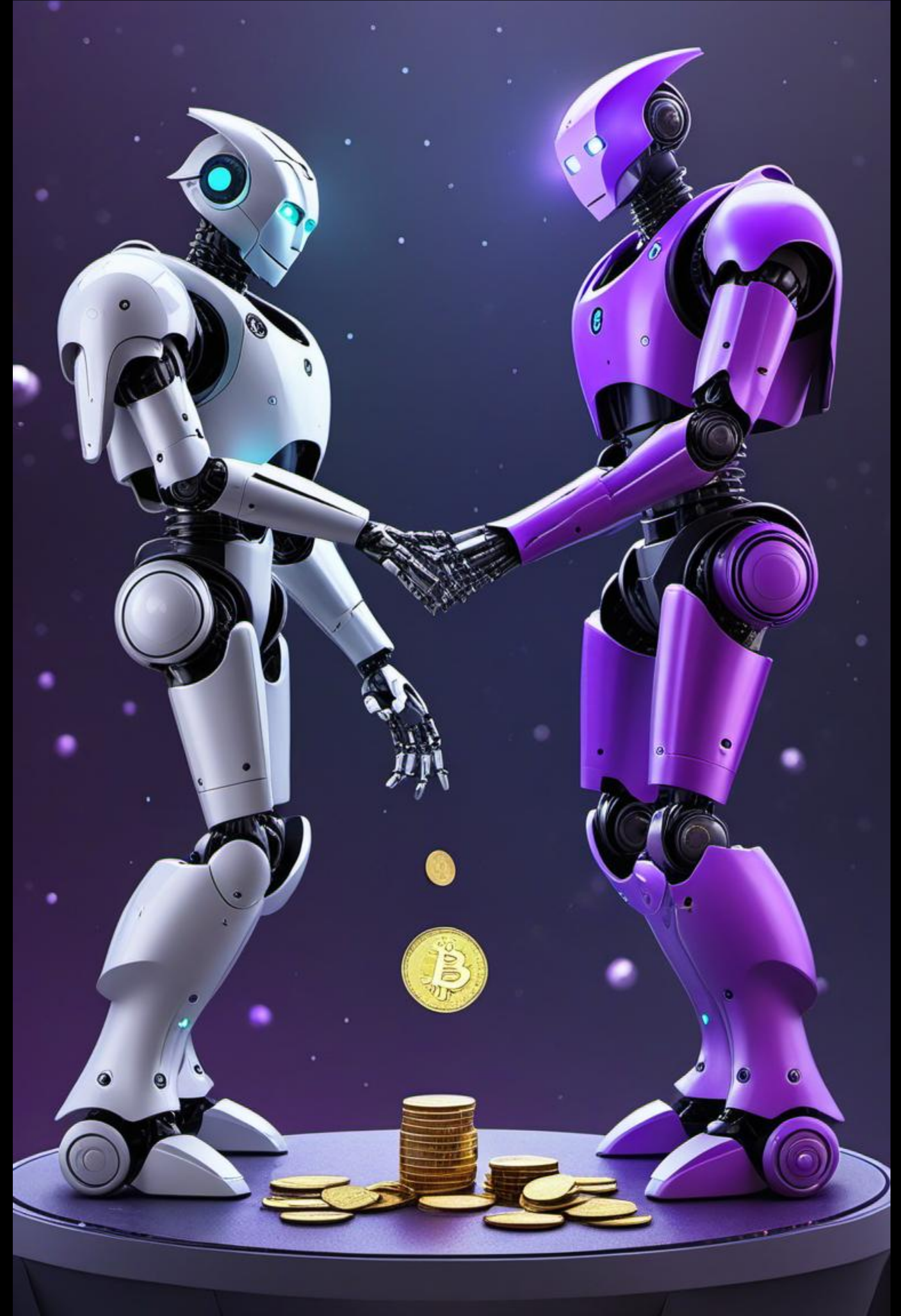
- Driving Efficient Price Discovery

# Functionality
## Operational Mechanism

Our arbitrage bot operates by comparing token pair quotes on two decentralized exchanges, Jupiter and Raydium. When a significant price gap is detected, it initiates positions on both exchanges to close this gap efficiently.

- Utilizing Algorithmic Analysis

- Initiating Transactions with Solana Wallet

- Contributing to Market Efficiency

Thank You.