

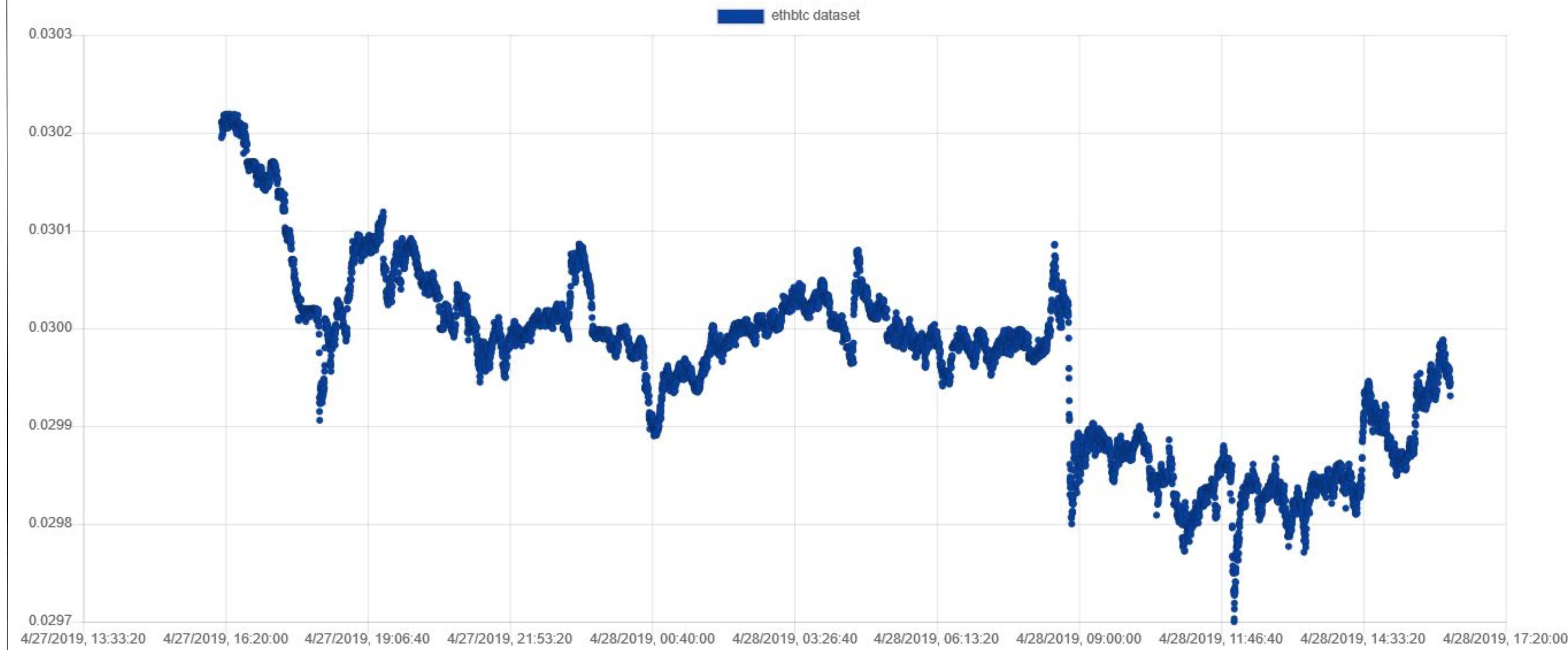


Lawrence Trading Co. (Team 1)

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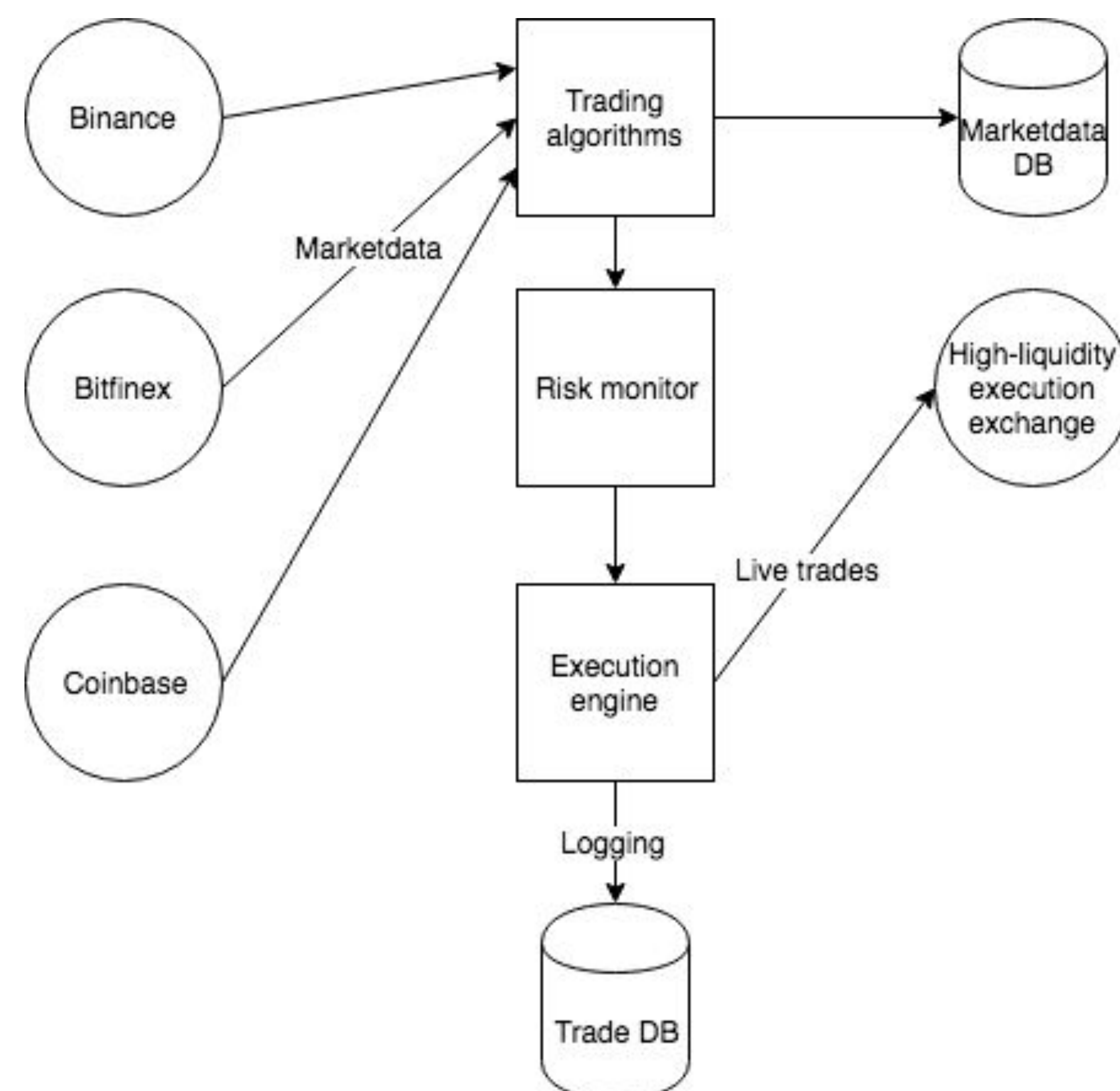
Description & Purpose

- We adapt established algorithmic trading techniques, typically applied to stock markets, to operate on web-based cryptocurrency exchanges
- The increased latency of the web provides a more equal and accessible platform, but also precludes the use of common short-term trading strategies
- We use crypto-exchange APIs to maintain a local database of prices and place trades based on a combination of machine learning price prediction and statistical analysis



Ethereum vs Bitcoin price tracked by our local database

Design



Ethical & Intellectual Property Issues

Ethical

- As trading is competitive, we can not succeed without negatively affecting other parties
- The project is relatively self-serving

Intellectual Property

- Many algorithms exist for trading, so ours must be relatively unique.
- Licensing of machine learning packages must be carefully navigated