METABLOCK
We Help You Navigate Through The Metaverse With AI
By: Rahmad, Suhardiman

INTRODUCTION

Meet Our Team

RAHMAD GUNAWAN

- Developed UI/UX
- Created risk profiling mechanism for users
- Managed deployment

Rahmad Gunawan

Collaboration is done on GitHub

SUHARDIMAN AGUNG

- Built model
- Integrated API for real time price input for models

Suhardiman Agung

BACKGROUND

Our app provides AI-based recommendation system to invest in metaversal tokens. Problems that we are trying to solve include:

- Metaversal token has high volatility and AI may help in managing investment risk
- There are hundreds of metaversal tokens in the market and it is difficult to keep track of those asset classes. AI may help in automating some of the processes and monitoring those coins
- There are a high degree of frauds occurring in the metaverse. We help you select tokens that have lower risk

We help you manage your investment in Metaverse with AI

Timeline Project

Project is completed within 3 days

Day 1

Project ideation

Problem Framing

Day 1

AI Modeling

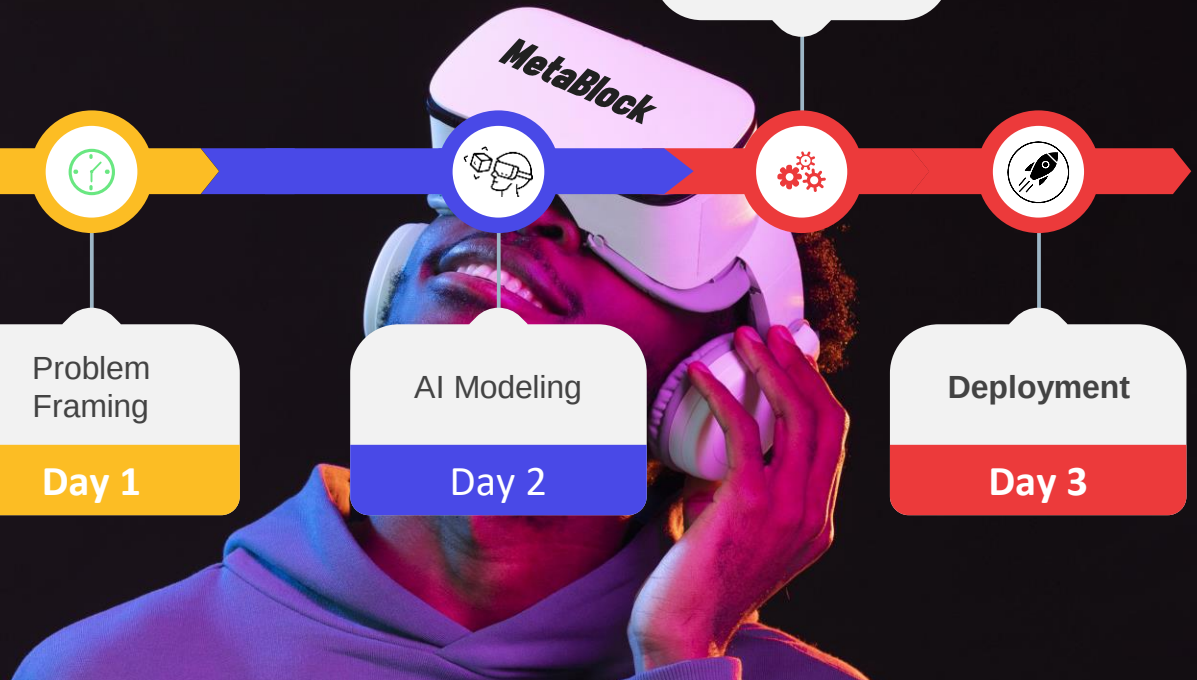
Day 2

Day 3

Product Development

Deployment

Day 3



MetaBlock App

Main Menu

- Home
- Profile Risk
- Rekomendasi Aset Kripto

Metablok adalah sebuah aplikasi sistem rekomendasi trading aset kripto untuk token Metaverse, berdasarkan profile resiko user (Low, Medium, High).

Meta Coin Price App

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A Simple Cryptocurrency price app puling price data from coin marketcap API
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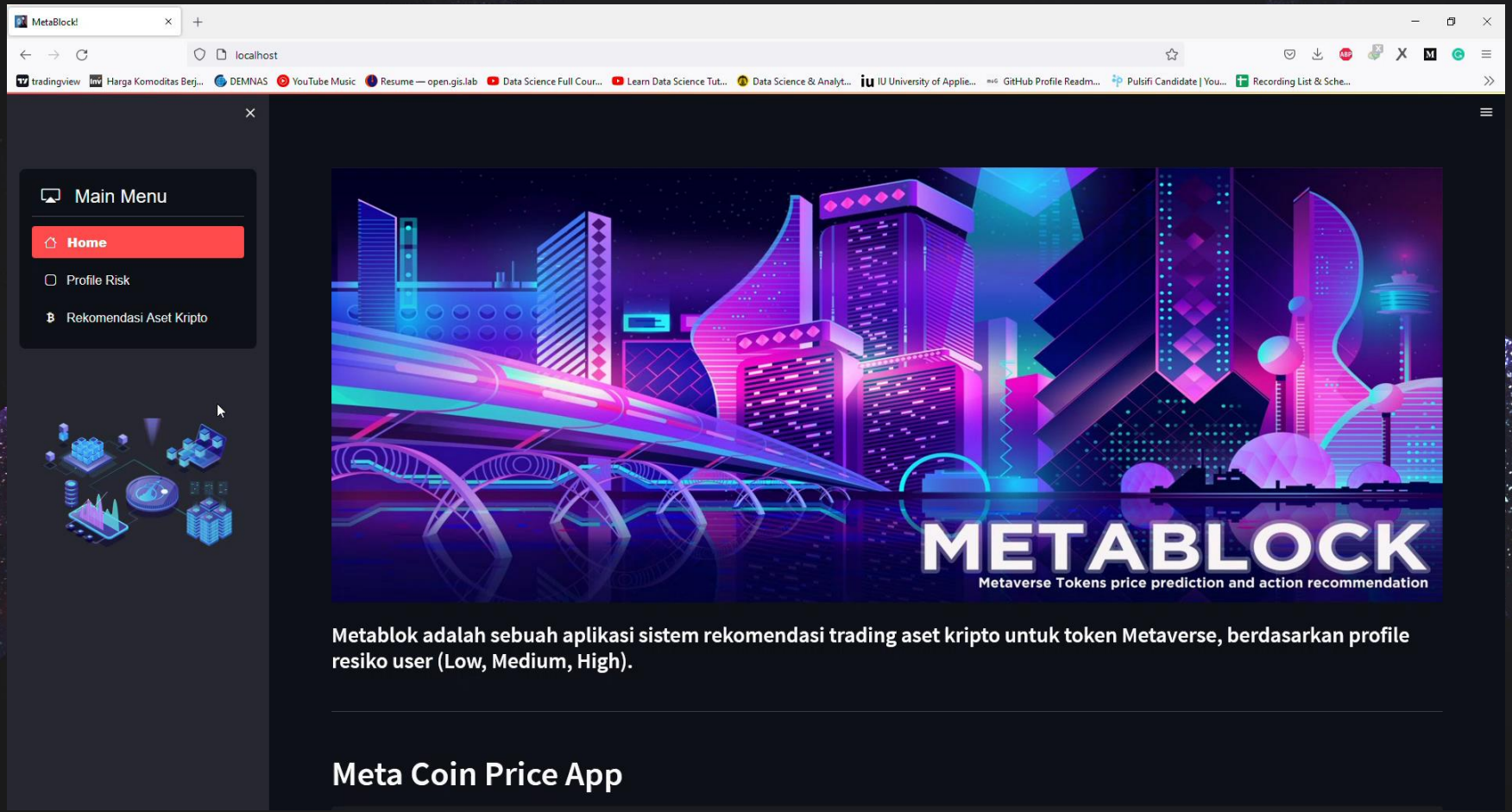
Selected Price

DEMO VIDEO


MetaBlock!
localhost
tradingview
Harga Komoditas Berj...
DEMNAS
YouTube Music
Resume — open.gis.lab
Data Science Full Cour...
Learn Data Science Tut...
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Recording List & Sche...
Main Menu
Home
Profile Risk
Rekomendasi Aset Kripto
METABLOCK
Metaverse Tokens price prediction and action recommendation
Metablok adalah sebuah aplikasi sistem rekomendasi trading aset kripto untuk token Metaverse, berdasarkan profile resiko user (Low, Medium, High).
Meta Coin Price App

CHALLENGES

Time is the Biggest Constraint

1. Price fluctuation reduces the AI's ability to make long term prediction
2. Crypto asset is in the winter period with majority of the tokens' price decreasing by 90%
3. We will add more functionality with more time
4. Factors affecting risk of crypto assets are not well documented since they are new asset classes that have been around for just a few years. As such, standard deviation is used

   https://www.sciencedirect.com/science/article/abs/pii/S1057521920302477
5. Pricing for API for real time market information is high

TECHNOLOGY
BACKGROUND

SUCCESS STORIES

Model is relatively performant

1. LSTM is proven to work on time series data, even though price fluctuated widely
2. Model can predict Short Term future price well
3. We are successful in incorporating new technology that we have not learned before, in short amount of time

STRETCH GOAL

End-to-end trading bot may be developed in the future

Future product roadmap includes:

1. Automatic execution of asset purchase or sell-off, by connecting to Binance API
2. Periodic web scraping of news related to crypto assets, which may become a feature for the price prediction model
3. Include more token types - tokens in layer 1 and 2 protocols and NFT
4. Include dApp (decentralized app) functionality by connecting to blockchain platforms such as Ethereum with Web3.py library
5. Add metaversal information hub functionality
6. Create model for fraud risk on each token and metaverse;
7. Deploy on AWS
8. Add functionality for personal finance such as retirement planning

MetaBlock
Thank You