

## AI Crypto Advisor

A personalized crypto investor dashboard built with Next.js 16. Users complete an onboarding quiz to select tracked assets and investor type, then receive AI-curated insights, live market data, news, and memes tailored to their profile.

Live App: <https://crypto-advisor-orpin.vercel.app>

Repository: <https://github.com/PilPara/CryptoAdvisor>

Features: Authentication (Clerk), on-boarding quiz, live coin prices (CoinGecko), crypto news (CryptoCompare), AI insight of the day (OpenRouter + Hugging Face fallback), crypto memes (Reddit + Imgflip fallback), thumbs up/down voting system stored in DB. Bonus features (unrequired) - headlines from the news section are clickable and redirect to the story. Coins name in the coin section are also clickable and opens a history chart for the specific coin prices.

Tech Stack: Next.js 16(App Router), TypeScript, Tailwind CSS + Shadcn/ui (Radix UI), Clerk auth, PostgreSQL (Neon) + Drizzle ORM, OpenRouter (Gemma 3 27B) + Hugging Face (Qwen 2.5 7B), deployed on Vercel.

APIs Used: CoinGecko (prices, free demo key), CryptoCompare (news, no key), OpenRouter (AI primary, free tier), Hugging Face (AI fallback, free tier), Reddit JSON API (memes, no key), Imgflip (meme fallback, no key).

Database: PostgreSQL on Neon. Tables: users, preferences, votes.

Project Structure: `src/app/api/` contains routes for insight, meme, news, onboarding, prices, and vote. `src/app/` has dashboard and onboarding pages. `src/components/` has dashboard section components and reusable UI. `src/db/` has Drizzle connection and schema. `src/lib/constants.ts` defines assets and validation lists.