Proiect MDS

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Ideea din spatele proiectului

Fiecare site de pariuri are o cota specifica, acest lucru facand posibila gasirii unei perechi de cote care poate sa fie profitabila, pentru orice echipa am paria.
Dar poate va intrebati cum?

Ideea din spatele proiectului

Ei bine, acest lucru este posibil prin urmatoarea formula:
1 / cota_echipa1 + 1 / cota_echipa2 + 1 / cota_egalitate
Daca aceasta este sub 1, atunci putem profita!

Cum punem in practica acest lucru?

Avem nevoie de un scrapper, care gaseste pentru noi automat cotele. Pentru acesta ne-am folosit de selenium și python. La momentul prezentarii avem scrapere pentru 3 cote.

Cum punem in practica acest lucru?

Frontend Technologies
Next.js: React framework providing both frontend interface and API routes
TypeScript: For type safety and better code quality
TailwindCSS: For styling components with utility classes
Shadcn UI: Component library with cards, tables, buttons, and other UI elements
Backend Technologies
Next.js API Routes: Server endpoints under api that handle requests
Supabase: Database and authentication service
Node.js: Runtime environment for executing the JavaScript/TypeScript code

Cum punem in practica acest lucru?

Web Scraping Stack
Python: Used for web scraping scripts
Selenium: Browser automation library to fetch odds from betting websites
Chrome WebDriver: Headless browser for automated navigation
Integration Technologies
child_process.exec: To execute Python scripts from Node.js
promisify: To convert callback-based functions to Promises
csv-parse: For parsing the CSV data generated by scrapers

Cum punem in practica acest lucru?

Data Flow
User requests odds for a specific match
API routes either:
Return sample data (for disabled scrapers like MaxBet and Spin.ro)
Execute Python scrapers (for Superbet)
Python scripts scrape websites and save results to CSV files
Node.js reads these CSV files and returns the data to the frontend
Frontend displays the odds in a comparative table

Multumim!