Project Plan: DataView Dashboard

1. Objective

i want to build a website dashboard to see data and graphs properly for financial analytics using fastapi backend, react frontend, and postgres database.

2. Tech Stack

- React (frontend)

- FastAPI (backend)

- PostgreSQL (database)

- Maybe vercel for frontend deploy and render for backend

3. Features

- upload csv

- see table and graphs for data

- filters by date or price

- download filtered data

- mobile and desktop responsive

- secure endpoints

4. Timeline Plan

- setup all tools and repo (1 day)

- fastapi backend and db models (3 days)

- react frontend ui (5 days)

- connect backend and frontend (2 days)

- testing and bug fixes (2 days)

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- deployment (2 days)

- docs and readme (1 day)

Total: around 16 days

5. What I'll Deliver

- full working dashboard

- code on github

- deployment links

- proper documentation with api usage

6. Risks and Plan

- data safety: use .env and cors properly

- performance: sample dataset now, optimize later

- if time problems: keep 2-3 days buffer for fixes

7. Next Steps

- you can tell me if this tech stack and idea is fine

- also let me know if i need to change something or add more

- then i'll start building