

AI WRAPPER PROJECT

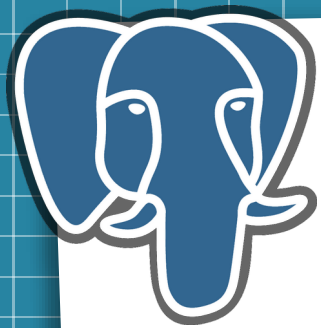
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ABSTRACT

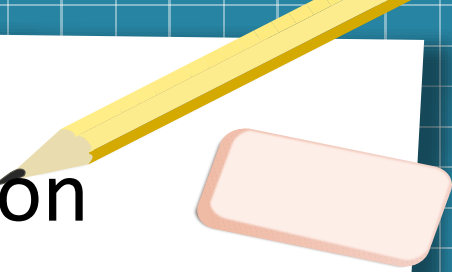
- AI-powered Streamlit app with three features: PDF Summarizer, Investment Growth Predictor, and Privacy Policy Checker.
- Uses AI to generate summaries, predict financial returns, and rate website privacy policies.
- Built with Python and libraries like pandas, numpy, selenium, bs4, plotly, seaborn, google-genai, and PyPDF2 for data processing, web scraping, and visualization.



Ge**ra**d b* chat**T



Problem Statement & Solution



- Document Summarization: Manually summarizing long PDFs is time-consuming and inefficient.
- Investment Prediction: Users lack financial expertise to predict long-term investment growth.
- Privacy Policy Analysis: Privacy policies are complex, making it hard for users to understand risks.
- Solution: An AI-powered Streamlit app automates summarization, investment forecasting, and privacy policy evaluation for quick and accurate insights.

TECH STACK & DEPENDENCY



Streamlit
(Frontend)



Pandas
(Data Processing)



Seaborn
(Visualization)



Python
(Backend)



Numpy
(Data Processing)



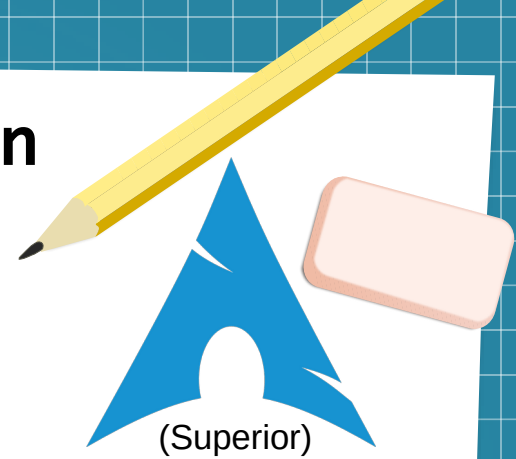
Gemini
(Google's Chat GPT)

Investment Growth Projection

- This feature predicts how an investment will grow over time based on monthly contributions to different asset types. It provides a CSV report and graphical insights to help users make informed financial decisions.

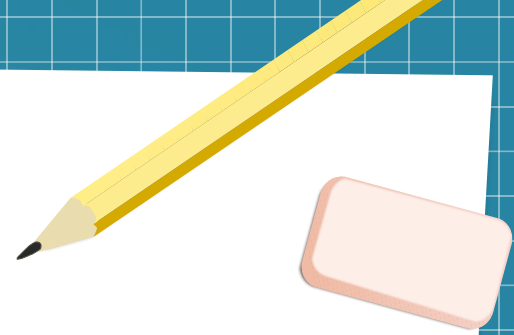


Investment Growth Projection



How It Works:

- User Input: Monthly investment amount.
- Investment Types: Stocks, Fixed Income, Real Estate, Commodities, Cryptocurrencies, etc.
- AI Prediction: Estimates future value over 1, 3, 5, 10 years, and at retirement (assuming age 21).
- Output: CSV table with projections, AI-generated financial advice, and investment growth chart_s.



LIVE DEMO
TIME ! ! ! ! ! ! ! !