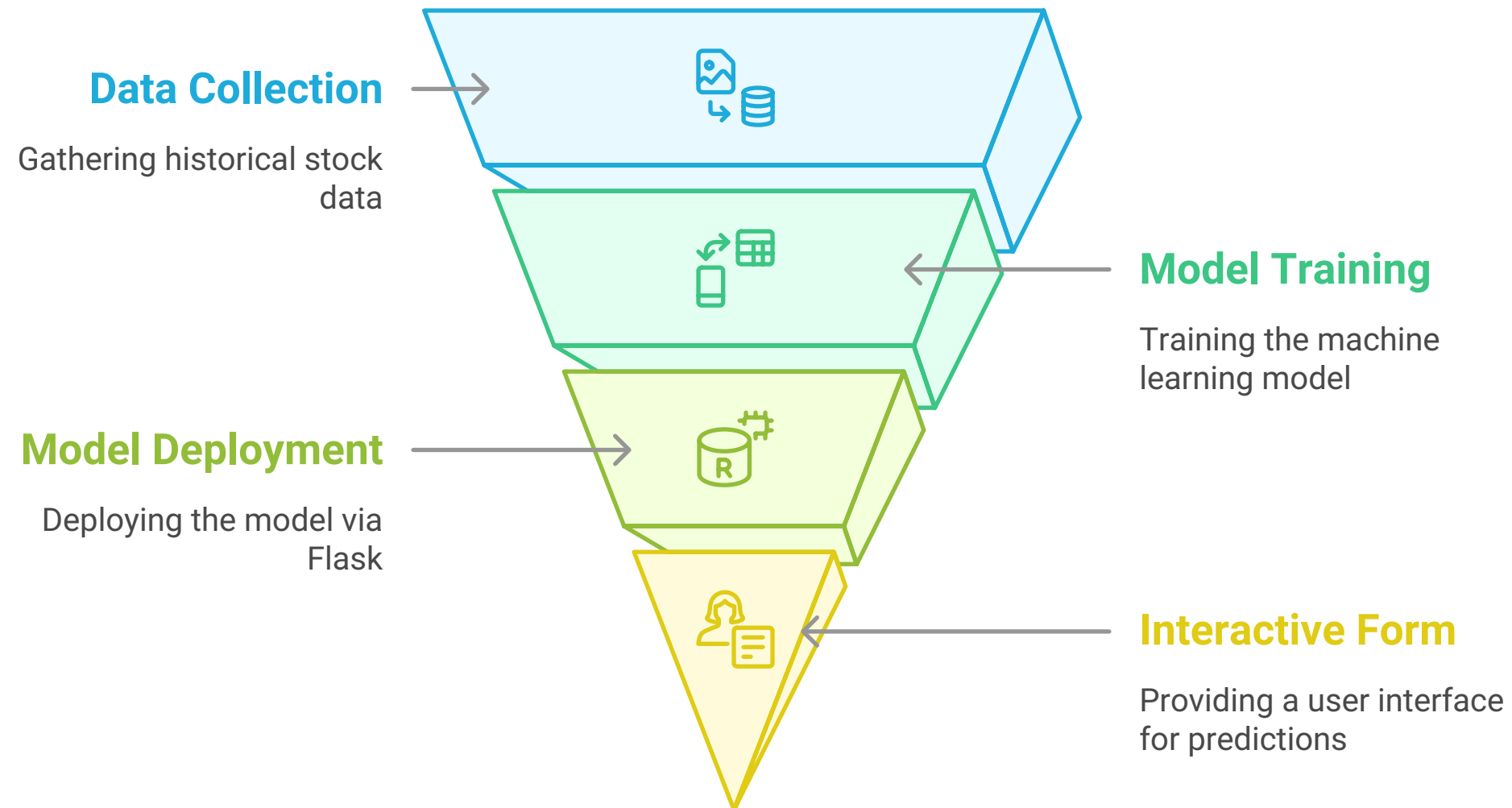




TCS Stock Price Prediction App











TCS Stock Prediction Process



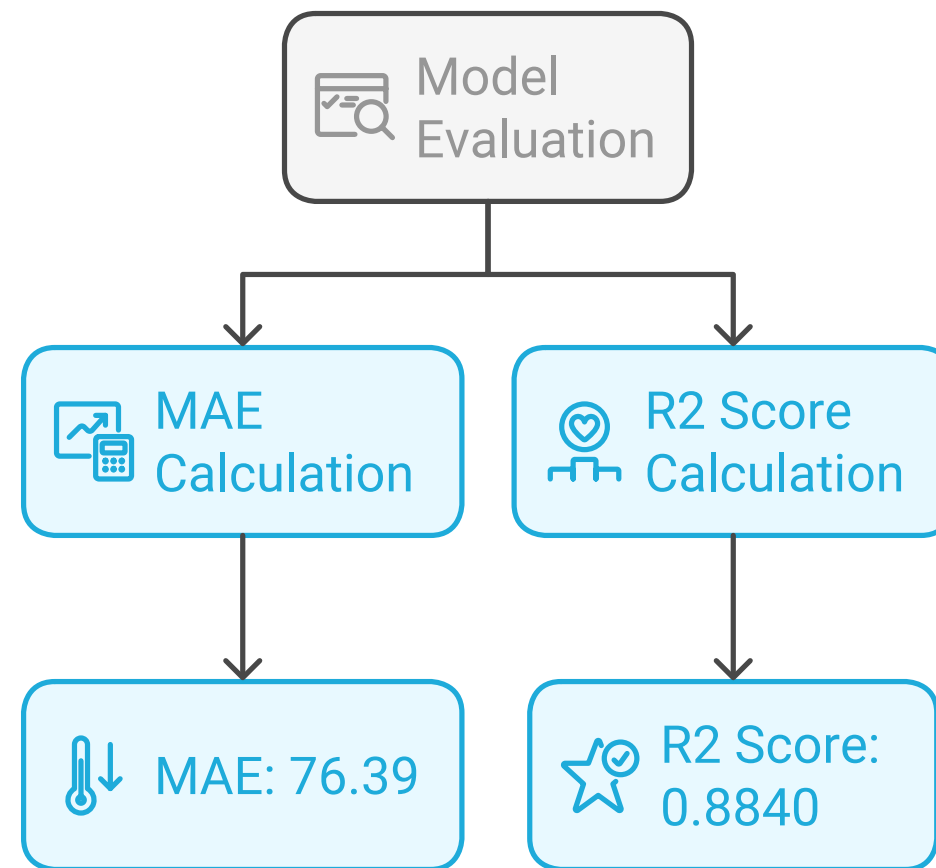
Building a Stock Prediction App



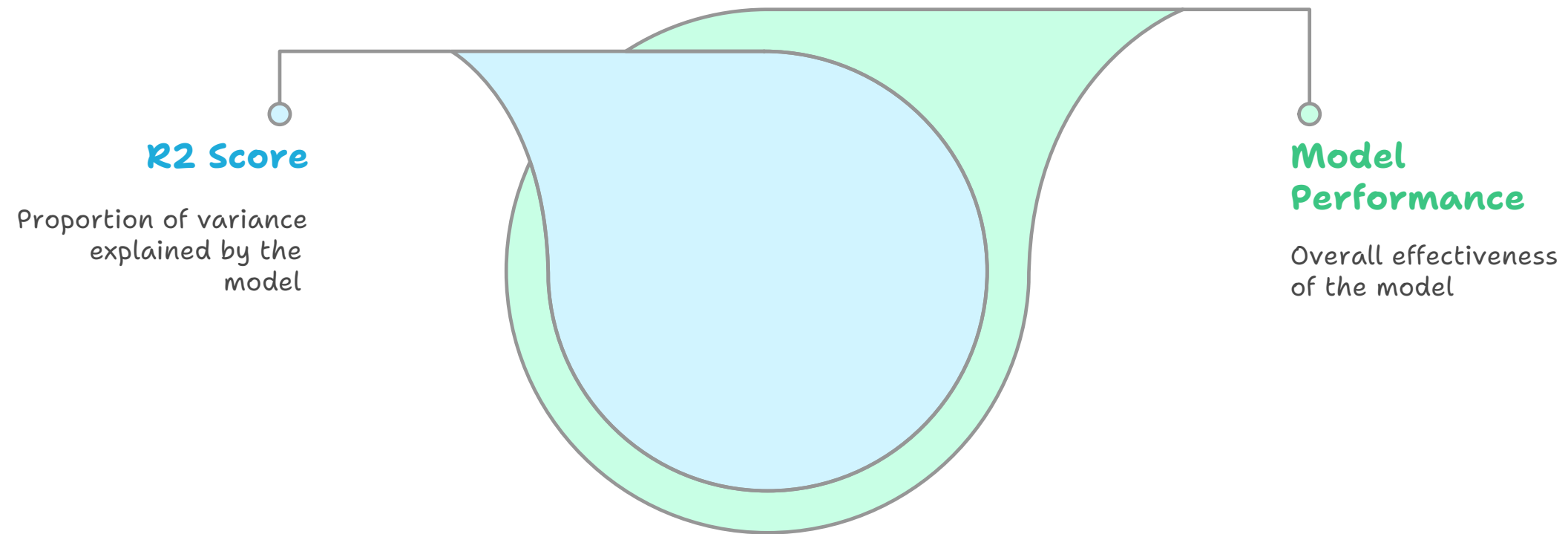
Model Input Features

Feature	Description
 Open	Opening price of the stock
 High	Highest price of the stock
 Low	Lowest price of the stock
 Close	Closing price of the stock
 Volume	Number of shares traded
 Returns	Percentage change in stock price
 MA5	5-day Moving Average
 MA10	10-day Moving Average
 MA20	20-day Moving Average
 Volatility	Degree of price fluctuation

Random Forest Model Evaluation



Model Evaluation Metrics



AI Tools



ChatGPT

Text generation, coding, and data analysis.

Ideas and knowledge snippets
in PPT format.

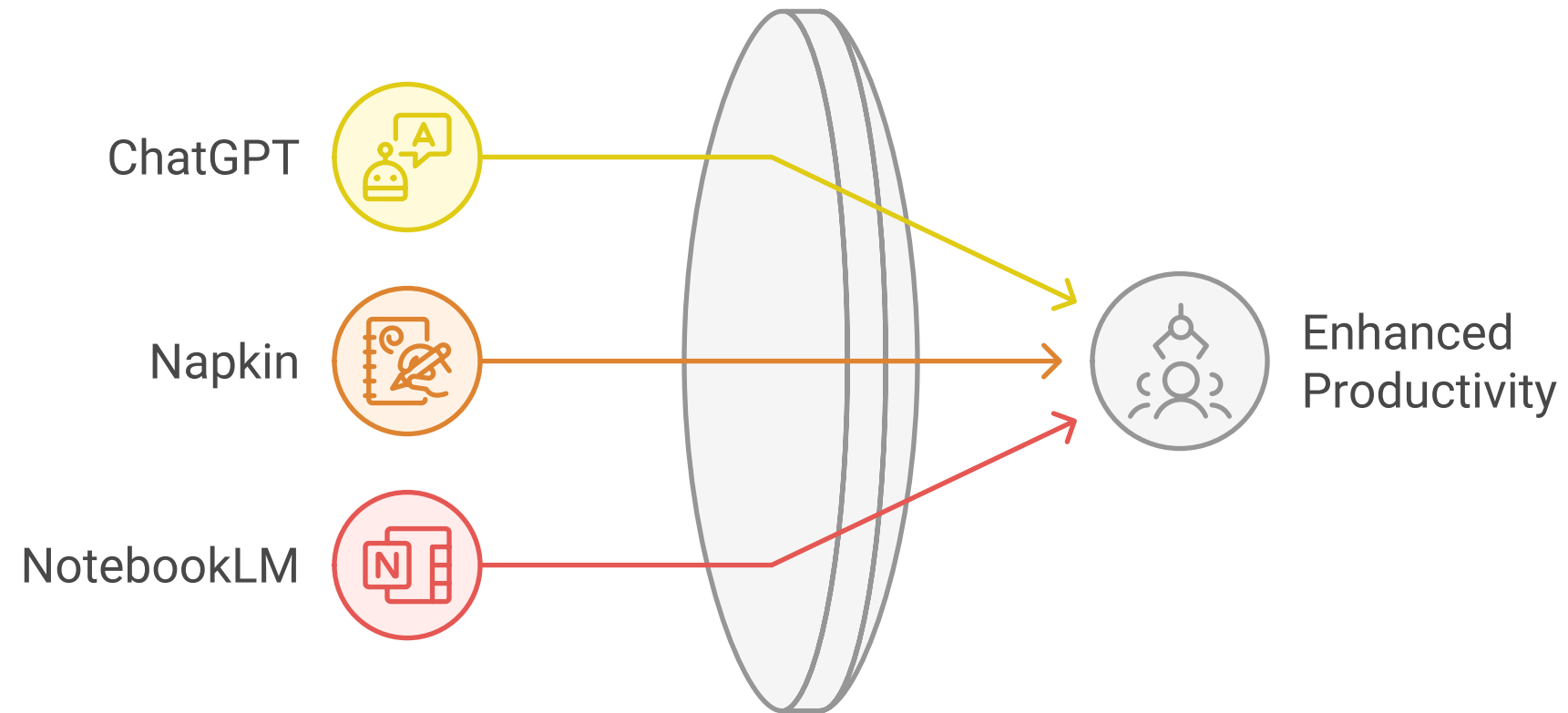
Napkin



NotebookLM

Summarize, answer questions,
and generate insights from
documents.

AI-Powered Productivity Tools



Time series model deployment

