# --- App Core ---

streamlit==1.35.0

python-dateutil==2.9.0.post0

# --- Data Processing ---

pandas==2.2.2

numpy==1.26.4

scikit-learn==1.5.0

scipy==1.13.0

tqdm>=4.66

python-dotenv>=1.0

# --- Finance Data ---

yfinance==0.2.40

finance-datareader==0.9.75

pandas-datareader==0.10.0

pykrx==1.0.42

requests==2.32.3

beautifulsoup4==4.12.3

lxml==5.2.1

html5lib>=1.1

# --- Technical Analysis (3단원 확장) ---

pandas-ta>=0.3.14b0

# --- Macro Data API (3단원 확장: 선택 고급 기능) ---

fredapi>=0.5

# --- ML & Optimization ---

cvxpy==1.4.2

pyportfolioopt==1.5.4

statsmodels==0.14.2

xgboost>=1.7.6

lightgbm>=4.1.0

# --- Backtesting ---

backtrader==1.9.78.123

quantstats==0.0.62

# --- Visualization ---

matplotlib==3.9.0

seaborn==0.13.2

plotly==5.22.0

pydeck==0.8.1b0

streamlit-aggrid>=0.3.6

streamlit-option-menu>=0.3.6

# --- NLP / Sentiment Analysis (3단원 포함 확장) ---

transformers>=4.41.0

sentence-transformers>=2.7.0

konlpy>=0.6.0

sentencepiece>=0.1.99

torch>=2.1.0

# --- PDF & TTS (Optional, 보고서/음성 기능) ---

fpdf>=1.7.2

pdfkit>=1.0.0

weasyprint>=61.0

gTTS>=2.5.1

playsound>=1.3.0

# --- Web & Caching ---

watchdog==4.0.1

streamlit-javascript==0.1.5