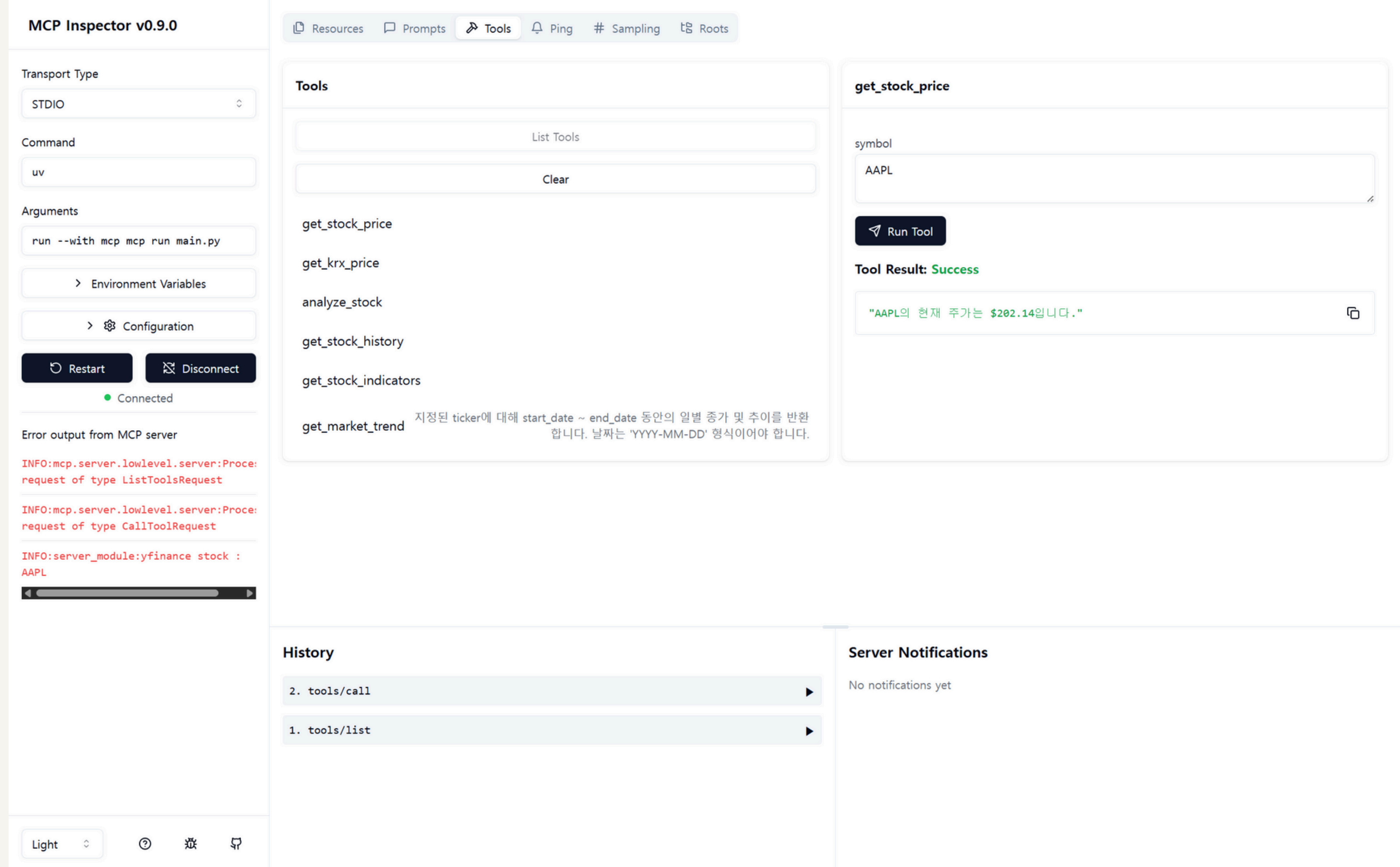


**MCP**



원하는 기능을 MCP Inspector를  
활용해서 구현 및 테스트

"[AAPL] 주요 지표:



#### 밸류에이션

- PER (주가수익비율): 32.085712
- PBR (주가순자산비율): 45.547543
- EPS (주당순이익): 6.3
- 시가총액: 3,036,567,306,240 USD



#### 주가 데이터

- 52주 최고가: 260.1
- 52주 최저가: 164.08
- 평균 거래량: 63,042,116



#### 배당 정보

- 배당금: 1.0
- 배당수익률: 0.49



#### 수익성 지표

- ROA (총자산수익률): 0.22518998
- ROE (자기자본수익률): 1.3652
- EBITDA: 137352003584
- 영업이익률: 0.34459



#### 시장 포지션

- 공매도 비율: 2.11"

#### [AAPL의 주식 분석]

##### 회사 정보:

Apple Inc. designs, manufactures, and markets smartphones, personal computers, tablets, wearables, and accessories worldwide. The company offers iPhone, a line of smartphones; Mac, a line of personal computers; iPad, a line of multi-purpose tablets; and wearables, home, and accessories comprising AirPods, Apple TV, Apple Watch, Beats products, and HomePod. It also provides AppleCare support and cloud services; and operates various platforms, including the App Store that allow customers to discover and download applications and digital content, such as books, music, video, games, and podcasts, as well as advertising services include third-party licensing arrangements and its own advertising platforms. In addition, the company offers various subscription-based services, such as Apple Arcade, a game subscription service; Apple Fitness+, a personalized fitness service; Apple Music, which offers users a curated listening experience with on-demand radio stations; Apple News+, a subscription news and magazine service; Apple TV+, which offers exclusive original content; Apple Card, a co-branded credit card; and Apple Pay, a cashless payment service, as well as licenses its intellectual property. The company serves consumers, and small and mid-sized businesses; and the education, enterprise, and government markets. It distributes third-party applications for its products through the App Store. The company also sells its products through its retail and online stores, and direct sales force; and third-party cellular network carriers, wholesalers, retailers, and resellers. Apple Inc. was founded in 1976 and is headquartered in Cupertino, California.

uri: "market://state"

contentType: "text/plain"

text: "[🌐 Global Market Snapshot]



#### 주요 지수:

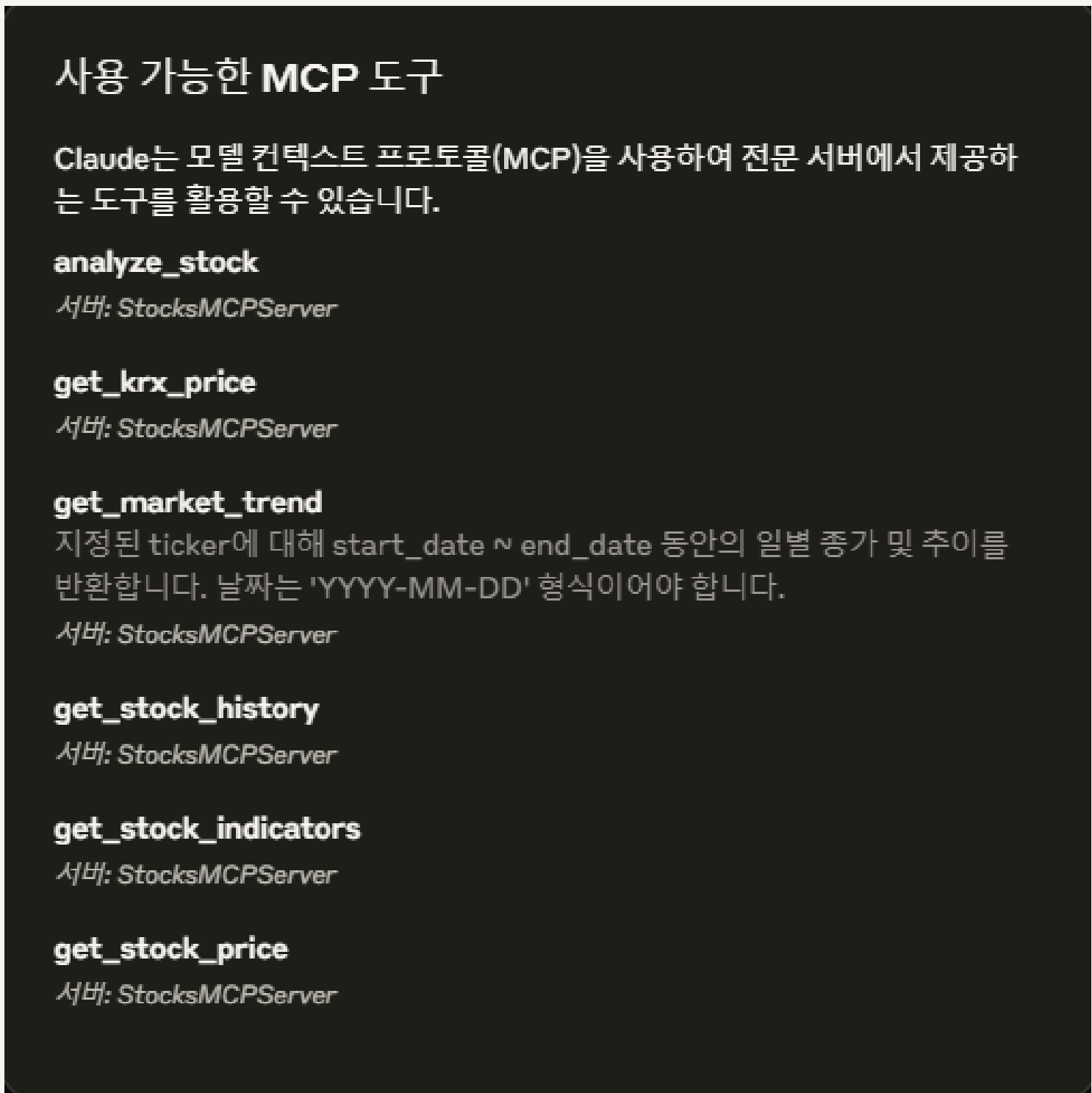
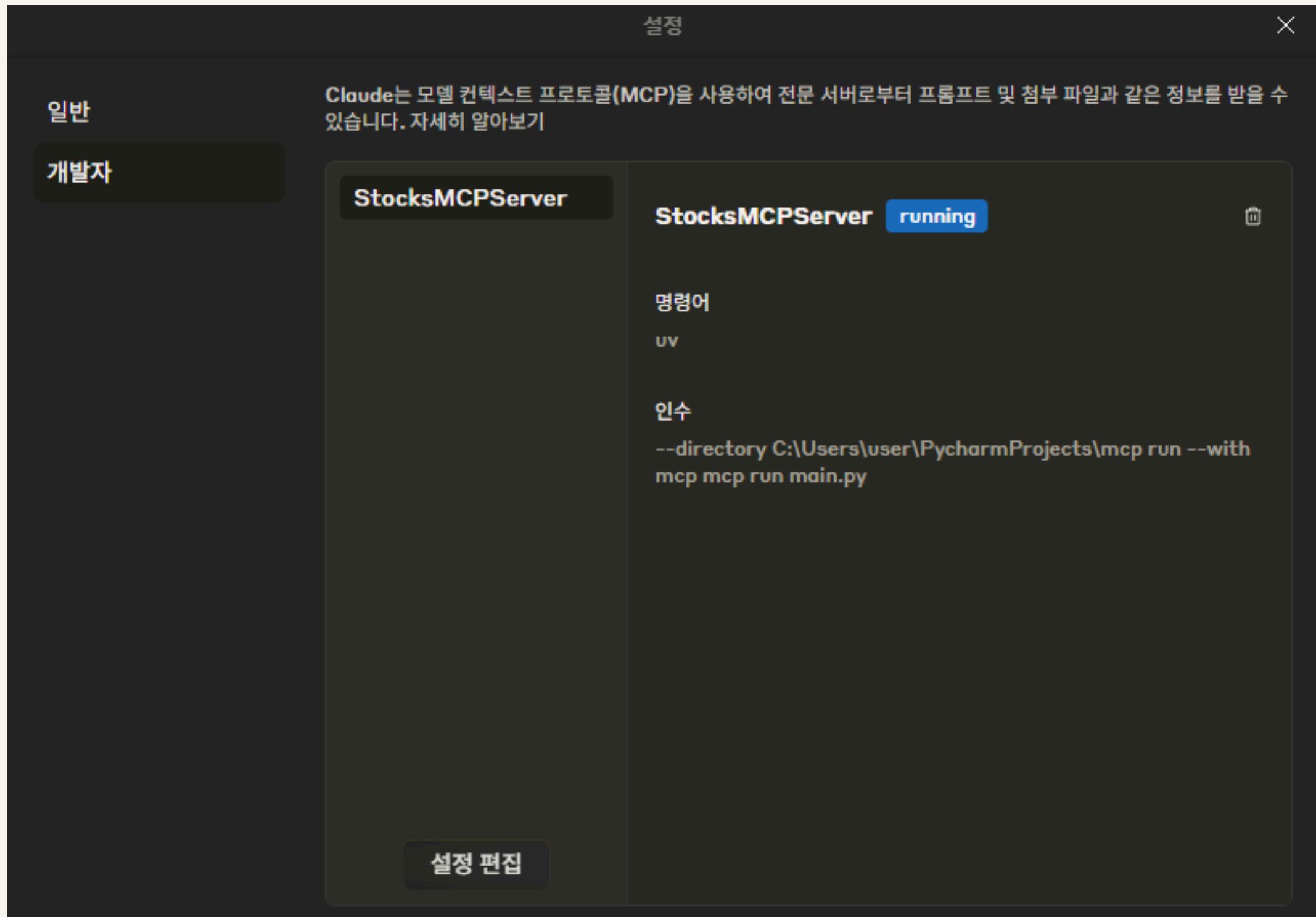
- S&P 500: 5396.63
- NASDAQ: 16823.168
- KOSPI: 2467.08
- KOSDAQ: 709.77
- Nikkei 225: 34101.02



#### 환율:

- USD/KRW: 1426.71
- 100 JPY/KRW: 996.90"

다양한 조회 기능을 구현



Claude에서 json을 통한 서버 파일과 연결 후  
구현한 MCP 도구를 불러와서 사용 가능

L

get\_market\_trend를 활용해서 최근 3달간  
QQQ와 QLD 그리고 TQQQ의 추이를 백분률을 활용한 그래프로 그려줄래?

편집

네, QQQ, QLD, TQQQ의 최근 3개월 간 추이를 백분률 그래프로 보여드리겠습니다. 먼저 데이터를 수집하겠습니다.

StocksMCPServer(로컬)의 get\_market\_trend 결과 보기 ▾

{

`ticker`: `QQQ`,

`end\_date`: `2025-04-16`,

`start\_date`: `2025-01-16`

}

[000 기간별 증가: 2025-01-16 ~ 2025-04-16]

StocksMCPServer(로컬)의 get\_market\_trend 결과 보기 ▾

{

`ticker`: `QLD`,

`end\_date`: `2025-04-16`,

`start\_date`: `2025-01-16`

}

[0LD 기간별 증가: 2025-01-16 ~ 2025-04-16]

StocksMCPServer(로컬)의 get\_market\_trend 결과 보기 ▾

{

`ticker`: `TQQQ`,

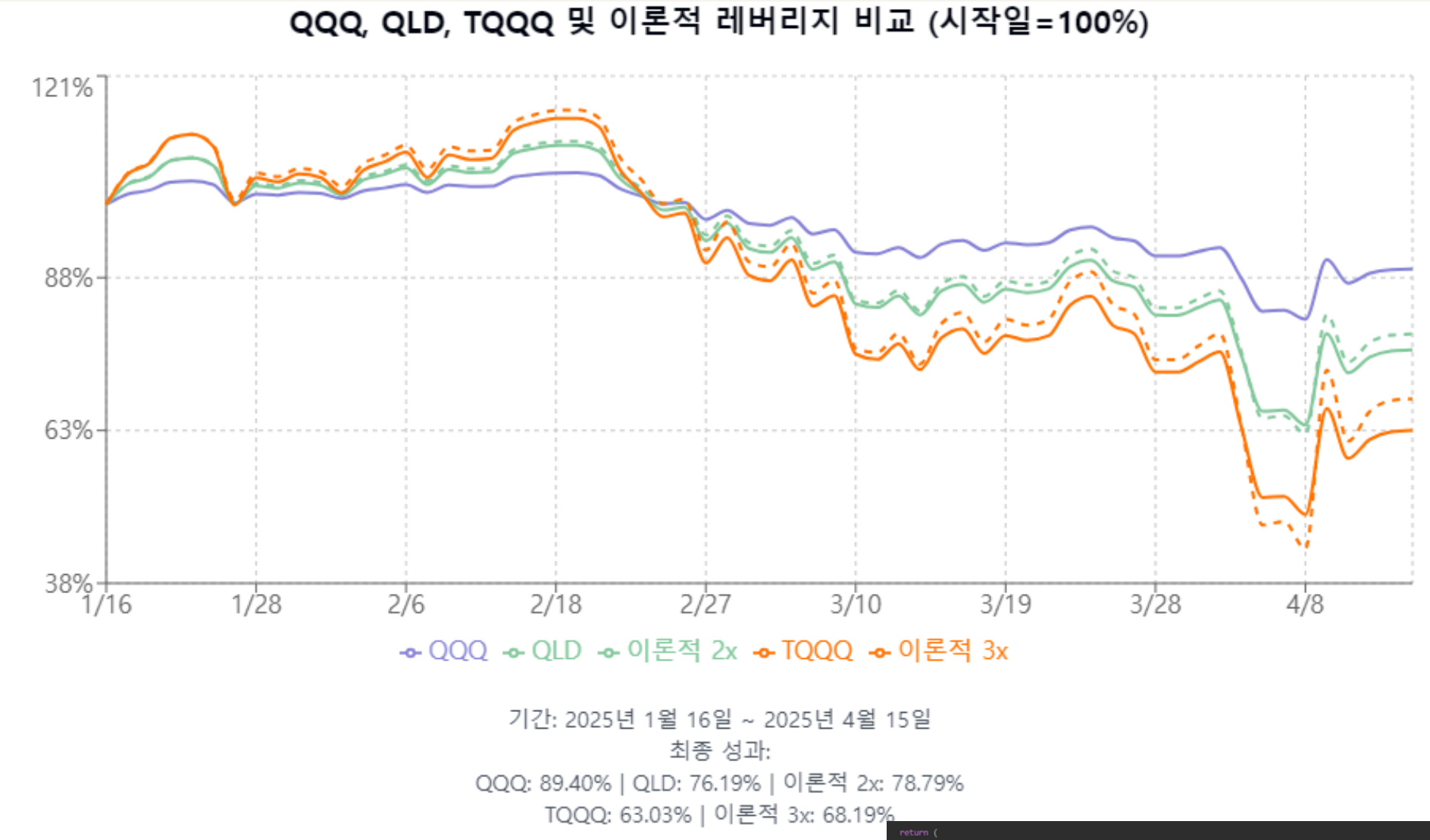
`end\_date`: `2025-04-16`,

`start\_date`: `2025-01-16`

}

[TQQQ 기간별 증가: 2025-01-16 ~ 2025-04-16]

이제 수집된 데이터를 바탕으로 QQQ, QLD, TQQQ의 최근 3개월 추이를 백분률 그래프로 작성하겠습니다.

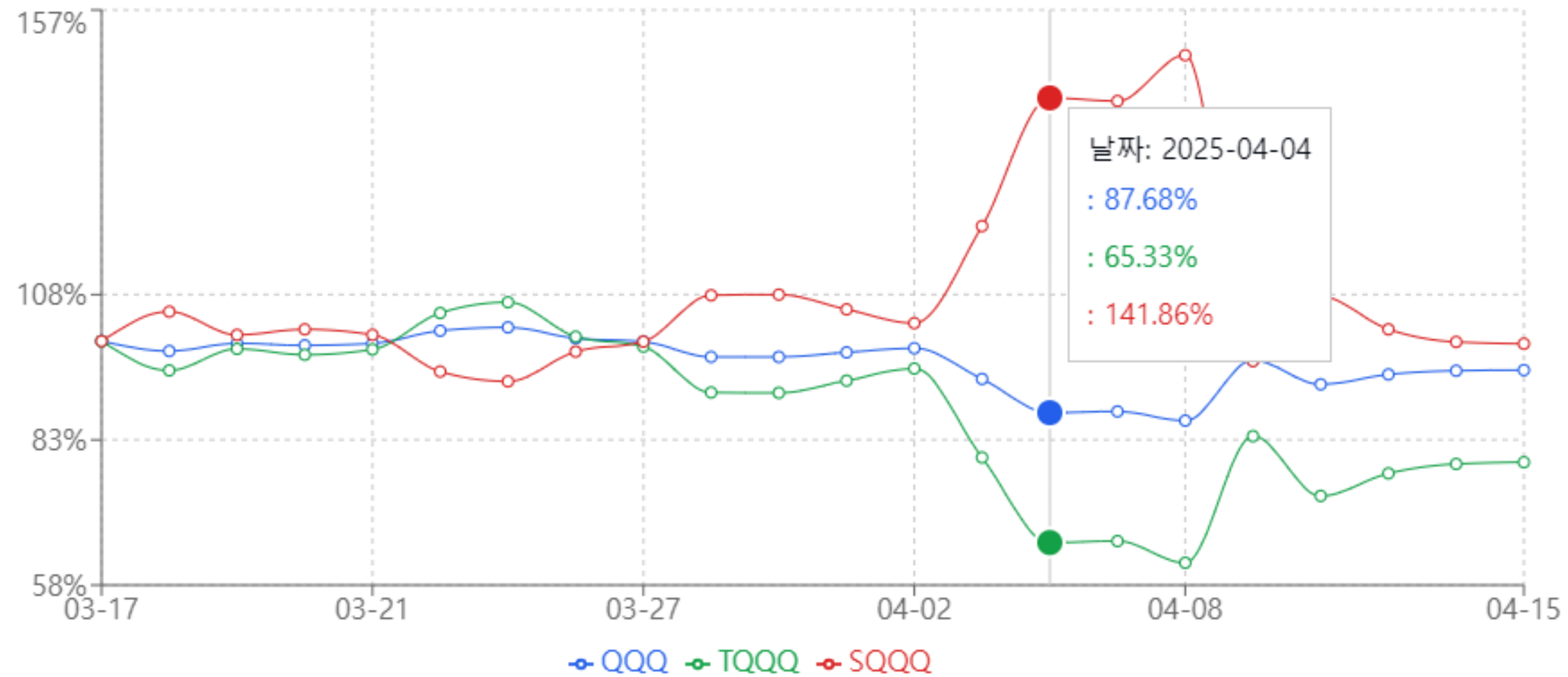


```
return (  
  <div className="w-full h-full">  
    <h2 className="text-xl font-bold text-center mb-4">QQQ, QLD, TQQQ 및 이론적 레버리지 비교 (시작일=100%)</h2>  
    <div className="w-full h-96">  
      <ResponsiveContainer width="100%" height="100%">  
        <LineChart  
          data={data}  
          margin={{ top: 5, right: 30, left: 20, bottom: 5 }}  
        >  
          <CartesianGrid strokeDasharray="3 3" />  
          <Axis  
            datakey="date"  
            tickFormatter={formatDate}  
            interval={Math.floor(data.length / 10)}  
          />  
          <Axis  
            domain={[range.min, range.max]}  
            tickFormatter={value => `${value.toFixed(0)}%`}  
          />  
          <Tooltip content={customTooltip} />  
          <Legend />  
          <Line  
            type="monotone"  
            datakey="QQQ"  
            stroke="#8884d8"  
            name="QQQ"  
            strokeWidth={2}  
            dot={false}  
            activeDot={{ r: 6 }}  
          />  
          <Line  
            type="monotone"  
            datakey="QLD"  
            stroke="#82c9a9"  
            name="QLD"  
            strokeWidth={2}  
            dot={false}  
            activeDot={{ r: 6 }}  
          />  
          <Line  
            type="monotone"  
            datakey="이론적 2x"  
            stroke="#82c9a9"  
            name="이론적 2x"  
            strokeWidth={2}  
            dot={false}  
            activeDot={{ r: 6 }}  
          />  
          <Line  
            type="monotone"  
            datakey="이론적 3x"  
            stroke="#ff7f0e"  
            name="이론적 3x"  
            strokeWidth={2}  
            dot={false}  
            activeDot={{ r: 6 }}  
          />  
        </LineChart>  
      </ResponsiveContainer>  
    </div>  
  </div>
```

질문과 약간의 후처리를 통해  
원하는 데이터를 그래프로 시각화  
그래프 작성 코드 제공

## QQQ, TQQQ, SQQQ 최근 1개월 성과 비교

(2025-03-17 ~ 2025-04-15, 시작일=100%)



기간 성과:

QQQ: -4.99%

TQQQ: -20.84%

SQQQ: -0.45%

MCP를 통해 작성한 반응형 그래프