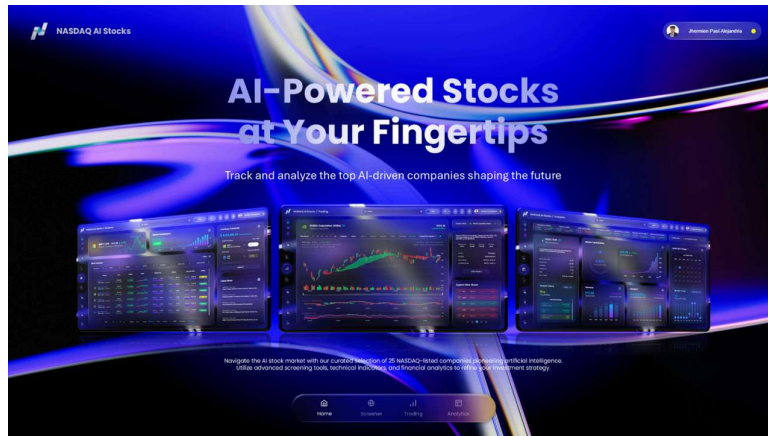


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## NASDAQ AI Stocks: Data-Driven Market Insights with Power BI



**Jhermien Paul Alejandria** ✓  
Data Analyst at Royal Caribbean • Transforming Big Data into Actionable Insights & Strategies PH



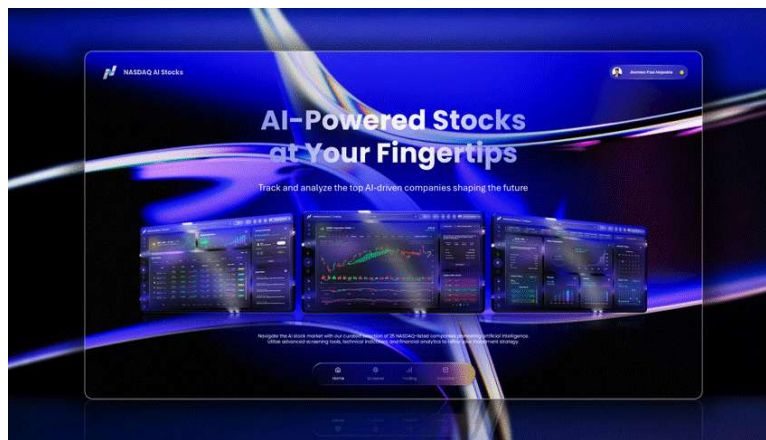
March 17, 2025

The rise of AI-driven companies in the stock market has fueled unprecedented interest among investors, analysts, and traders. But tracking these stocks requires more than just raw data—it demands a structured approach to financial intelligence.

This Power BI dashboard provides an interactive, data-rich solution for analyzing **25 AI-focused companies listed on NASDAQ**. By combining technical analysis, fundamental insights, and comparative metrics, it offers investors a decision-making edge in a highly volatile sector.

Access the dashboard through this [link](#).

### Navigating the Dashboard

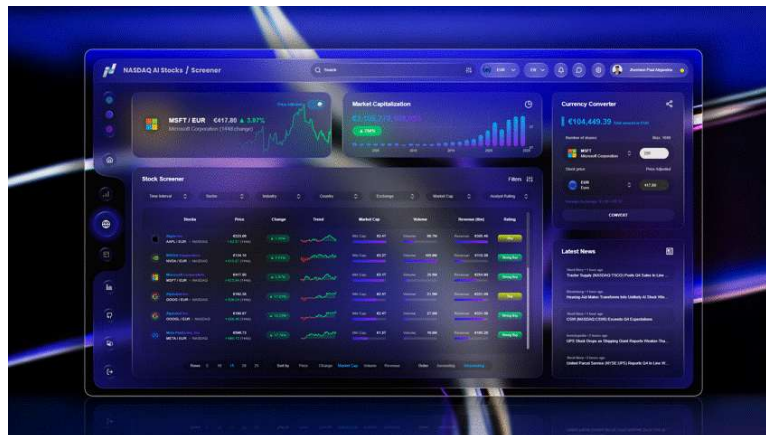


Dashboard Pages Overview

The dashboard is divided into three sections, each designed to help investors extract actionable insights:

- 1 **Stock Screener** for filtering stocks based on key categories
- 2 **Trading View** for analyzing price movements with technical indicators
- 3 **Analytics Portal** for deeper insights into trends and market performance.


## Stock Screener





Stock Screener in Action


Instead of blindly scanning hundreds of stocks, this tool enables investors to pinpoint high-potential AI companies based on key financial metrics.

**What makes it powerful?**

 **Custom Filters & Sorting** – Investors can filter stock sector, industry, and country and rank companies by price, market cap, volume, revenue, and analyst ratings to identify outperformers.

 **Dynamic KPI Cards** – Latest updates on stock price movement and market cap trend provide instant snapshots of a company's performance.

 **Built-in Currency Converter** – Investors managing global portfolios can convert valuations across different currencies instantly.

 **News Integration** – A dedicated financial news section pulls headlines from Bloomberg, Reuters, and other reputable sources, ensuring that traders stay informed.

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## Trading View





Trading View in Action


Price action analysis is crucial in the highly volatile AI stock sector. This dashboard offers interactive technical tools to help traders identify trends and refine their strategies.

### Key Features:


 **Candlestick Chart** – Visualizes open, high, low, and close (OHLC) trends over custom timeframes, with a price toggle for closing price adjustments.

 **Technical Indicators** – Apply VWAP, Bollinger Bands, and moving averages to spot trends, breakouts, and overbought/oversold conditions.

 **MACD Chart** – Track momentum shifts and bullish/bearish crossovers to refine entry and exit strategies.

 **RSI Chart** – Evaluate overbought/oversold conditions to spot potential reversal points.

 **Stock Fundamentals** – View AI adoption levels, market cap, volume, revenue, P/E ratio, and sector/industry classification to understand a company's financial health.

 **Sector Comparisons** – Analyze how each AI stock performs relative to industry benchmarks and competing firms.

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## Analytics Portal





Analytics Page in Action

Beyond short-term price movements, long-term value investing requires an in-depth look at fundamentals and historical trends.


What makes this section unique?

 **Earnings Insights** – Tracks the company's net income, share out, EPS, forward P/E, beta, and target stock price to assess financial performance.

 **Analyst Ratings** – Aggregates buy/sell recommendations from industry experts, helping investors gauge market sentiment.

 **Market Cap & Growth Trends** – Visualizes historical market cap shifts and compares AI stocks against sector benchmarks.

 **Revenue & Dividend Insights** – Highlights latest earnings, payout history, and long-term growth trends for dividend-focused investors.

 **SEC Filings Tracker** – A calendar-based view of 8-K, 10-Q, and similar reports, with quick filters to assess regulatory risks and disclosures.

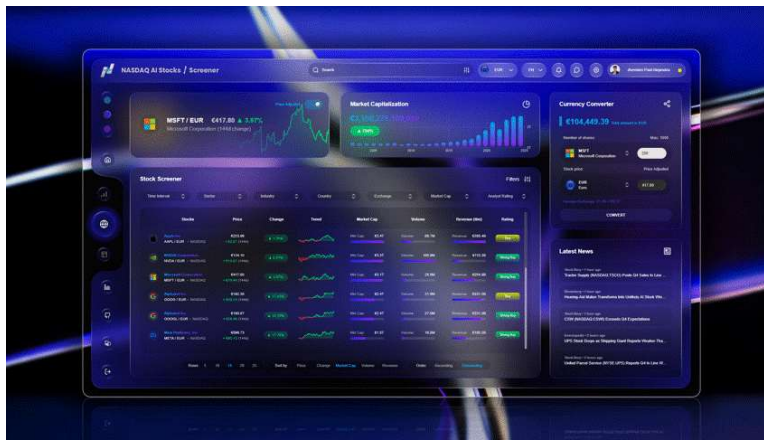
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## Interactive Features

Beyond its data-driven approach, the dashboard offers key usability enhancements that make financial analysis more efficient and engaging.

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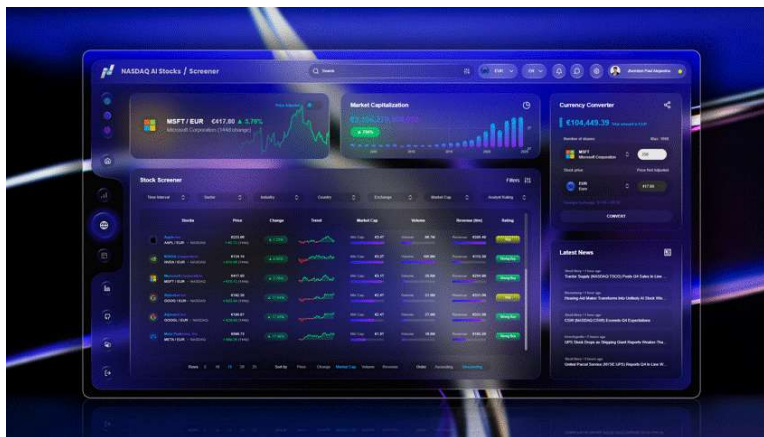
## Theme Switcher



Theme Switcher in Action

This feature allows users to choose from three distinct color palettes, moving beyond the typical light and dark modes to create a more interesting visual experience.

## Page Navigation



Page Navigation in Action

Intuitive navigation buttons, positioned on the left side, provide seamless access to key pages with a sleek, modern interface.

## Filters and Buttons





Filters and Buttons in Action

Customizable filters enable users to select their preferred currency and language, while extra buttons for notifications, chat, and quick access to the home page ensure a smooth and efficient workflow.

*This project is solely for personal and educational purposes and not intended to serve investors. Seek professional financial advice for any investment decisions.*

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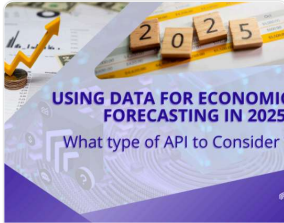


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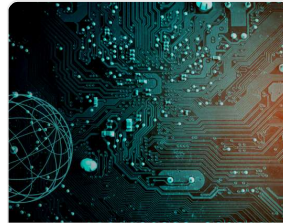
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