

What I Learned from Using AI to Break Down JPM's Investment Outlook for 2025

By Brad Deflin

January 7th, 2025

The Three Prompts

First prompt:

"Review the attached document "The Alchemists" and summarize its contents in ten pages or less. Write the summary as if Cembalest was writing it himself and summarizing his own work. I am interested in highlights, key points, and main takeaways. Use bullet points where applicable. Include economic trends, investment themes, specific stocks, risks, and probabilities where available. Include a conclusion paragraph that can be long and wordy but concisely states the point of the report."

Second prompt:

"Now, using the same guidelines as before, but this time come from the perspective of an outsider, not the author himself. Highlight areas that are especially distinct to Cembalest's view, versus the consensus or accepted view. Call-out where his views are stated forcefully, or he stresses a point he feels is especially important for the reader to understand. Include a conclusion paragraph that can be long and wordy but concisely states the point of the report."

Third and final prompt:

"The attached PDF includes summaries of JPM's Outlook for 2025 by Michael Cembalest. In the document, notice there are three summaries; one from ChatGPT (what I call "Uma"), one from Claude, and another from Perplexity. Notice that I asked the same question and follow-up question prompts and

consolidated the output from all three to this PDF. Now, Uma, I want you to do this; first contrast the three summaries to see where they agree and overlap, where they disagree in their summary, and create a version of the reply to the two questions that incorporates all three replies in the PDF. Then, analyze the three replies and contrast their strengths and weakness; where did one chatbot excel over the others, or where there were deficiencies in the output of one versus the others. I want to contrast the usefulness of each of the three chat bots for such a task as this one. As a reminder, the question prompts are included in the first section of the PDF with ChatGPT, and the text is in quotes and colored in blue to distinguish the questions from the reply outputs.”

Transcripts of responses from the three AI chatbots

ChatGPT - Response to Prompt #1

The document “The Alchemists” by Michael Cembalest offers an extensive analysis of the global economic and investment outlook for 2025, addressing key trends, risks, and opportunities. Below is a structured summary of the report’s highlights:

Executive Summary: Key Themes

- **Global Economic Policies:** Examination of deregulation, tariffs, tax reforms, and geopolitical developments.
- **Investment Strategies:** Recommendations for navigating volatile markets amid inflationary pressures and technological disruptions.
- **AI’s Role:** A detailed focus on AI’s adoption, market impacts, and investment opportunities.
- **Geopolitical Risks:** Analysis of China, Europe, and the U.S. political landscape, highlighting potential challenges to global stability.
- **Sector Highlights:** Insights into energy, cryptocurrency, and healthcare sectors.

Highlights and Key Points

1. Economic Trends

- **U.S. Economic Policies:**
 - Deregulation and tax cuts are expected to boost productivity but may exacerbate budget deficits.
 - Potential inflationary impacts of tariffs and reduced labor supply due to stricter immigration policies.

- **Global Trade:**

- Rising protectionism, with U.S. tariffs targeting China and other nations, could lead to economic retaliation.
- Trade imbalances persist despite increasing in-country subsidiary sales.

2. Investment Themes

- **AI Adoption:**

- The “Golden Goose” theme emphasizes AI’s transformative impact, with NVIDIA and hyperscalers like Google and Microsoft leading investment.
- Concerns about the sustainability of hyperscaler capex amid rising expectations for AI returns.

- **Venture Capital Dynamics:**

- A stabilization in venture capital markets following setbacks in speculative sectors (e.g., Metaverse).

- **Energy Sector:**

- High oil and gas production levels contrast with renewable energy subsidies, raising questions about energy inflation.

3. Sector Analysis

- **Technology:**

- Dominance of the “Mag 7” stocks (e.g., NVIDIA, Microsoft) in driving market returns.

- **Healthcare:**

- Political challenges to vaccine policies influence investor sentiment in pharmaceuticals and biotech.

- **Cryptocurrency:**

- Observations on crypto markets post-2024 rally, noting regulatory scrutiny and volatility.

4. Risks and Probabilities

- **Geopolitical Tensions:**

- China's economic strategies and potential Thucydides trap scenarios.
- European fiscal struggles and energy dependency on Russia.

- **Market Risks:**

- Equity overvaluation with potential corrections of 10-15% predicted for 2025.
- Inflation risks tied to energy policies and labor shortages.

Conclusion

As we navigate 2025, the global economy is at a pivotal juncture, shaped by technological innovation, geopolitical shifts, and evolving economic policies. Investors face a complex landscape where growth opportunities coexist with significant risks. The dominance of AI and technology underscores the importance of forward-thinking strategies, while geopolitical uncertainties demand vigilance. As always, careful asset allocation and diversification remain crucial for navigating the challenges and opportunities of the year ahead.

ChatGPT - Response to Prompt #2

Michael Cembalest's *The Alchemists* presents a provocative and often contrarian outlook on the global economic and investment landscape for 2025. While steeped in data and historical context, the report is unapologetically assertive in challenging conventional thinking. Cembalest's distinct voice emerges in areas where he diverges from consensus views, emphasizing themes he considers essential for investors to grasp.

Key Themes

1. Economic Policies and Risks

- **Distinct View:** Cembalest argues that deregulation and fiscal policies under the new U.S. administration may spur productivity but warns of “breaking something” in the process, whether it’s globalization, federal bureaucracy, or entitlement programs.
- **Contrary to Consensus:** While many analysts view tariffs as a minor inflationary risk, Cembalest forcefully asserts that their inflationary impacts, combined with labor shortages, could reignite price pressures in ways not fully appreciated by the broader market.

2. AI and Technology

- **Distinct View:** Cembalest is bullish on AI’s transformative potential but issues a stark warning about the sustainability of hyperscaler capital expenditures (capex). He highlights the risks of AI-driven markets experiencing the same speculative overbuild that plagued fiber optics in the early 2000s.
- **Forceful Point:** He stresses the need for investors to track the return on investment (ROI) from AI infrastructure spending, underscoring that AI adoption alone does not guarantee profitability for major tech players.

3. Global Trade and Geopolitical Risks

- **Distinct View:** Cembalest is skeptical about the effectiveness of increased U.S. tariffs on China, highlighting the potential for retaliatory actions and the underappreciated interdependence of U.S. and Chinese economies.
- **Contrary to Consensus:** While the consensus often emphasizes China’s economic vulnerabilities, Cembalest underscores the risks posed by China’s strategic maneuvers in rare earth exports and its integration into alternative trade blocs like RCEP.

4. Investment Strategies

- **Distinct View:** Cembalest argues that U.S. equity markets are stretched to historically high valuations, making them vulnerable to corrections. He

foresees a likely 10%-15% market drop in 2025—a view delivered with conviction and framed as an opportunity for liquidity-driven buying.

- **Forceful Point:** He cautions against complacency, pointing out that equity markets have become overly reliant on a few dominant tech stocks (“Mag 7”) and are pricing in optimistic growth scenarios.

Key Highlights and Contrarian Insights

1. Deregulation and Productivity:

- **Consensus:** Deregulation is broadly seen as a growth driver.
- **Cembalest’s Distinction:** He traces deregulation’s historical benefits but tempers expectations, arguing that its success depends on complementary reforms that may not materialize.

2. AI and Market Concentration:

- **Consensus:** AI is universally seen as a transformative force.
- **Cembalest’s Distinction:** While acknowledging AI’s potential, he highlights the financial strain on hyperscalers like Microsoft and Google, cautioning that their rising capex and R&D expenses could erode margins.

3. China’s Strategic Risks:

- **Consensus:** Analysts often focus on China’s slowing growth.
- **Cembalest’s Distinction:** He zeroes in on China’s ability to leverage rare earth exports and trade alliances to counter U.S. tariffs, a risk he believes is underpriced by markets.

4. Energy Policy:

- **Consensus:** Energy markets are seen as stable but evolving toward renewables.

- **Cembalest's Distinction:** He questions the feasibility of significant increases in U.S. oil and gas production to mitigate energy inflation, citing entrenched policies and export-driven dynamics.

Forcefully Stated Views

- **“The Alchemists want to break something”**: Cembalest’s pointed critique of the new administration’s policies is central to his outlook. He repeatedly warns of unintended consequences from deregulation, tariff wars, and aggressive fiscal policies.
- **“AI alone won’t save the hyperscalers”**: He delivers a sobering message to tech investors, urging them to look beyond AI’s hype to the economic realities of infrastructure spending.
- **“Equity valuations leave no room for error”**: His prediction of a market correction is framed as a near certainty, backed by historical analysis of valuation peaks and earnings cycles.

Conclusion

Michael Cembalest’s *The Alchemists* is a masterclass in contrarian analysis, blending historical context, data-driven insights, and bold forecasts to paint a vivid picture of the challenges and opportunities facing investors in 2025. His forceful warnings about inflationary risks, market overvaluation, and the sustainability of AI-driven growth reflect a deep skepticism of the prevailing optimism. Yet, his outlook is not without hope—he identifies opportunities in sectors poised for resilience and encourages liquidity-driven strategies to capitalize on volatility.

Ultimately, Cembalest challenges readers to think critically about the complex interplay of policy, markets, and technology. His core message is clear: 2025 will test the resilience of economies and investors alike. Success will hinge on adaptability, vigilance, and a willingness to confront hard truths in an era of transformative change. For those prepared to navigate uncertainty, *The Alchemists* offers both a roadmap and a reality check.

Claude - Response to Prompt #1

Here is my summary of "The Alchemists" 2025 Outlook report, written as if I (Michael Cembalest) was summarizing my own work:

Executive Summary

This year's Outlook examines how the Trump administration's "alchemist" approach to economic policy – involving deregulation, deportations, tariffs, tax cuts, cost cutting, oil & gas policy, crypto, and medical freedom – could impact markets in 2025. The cover art features an alchemist figure mixing various policy "potions" that could either transform or destabilize the U.S. economy.

Key Themes and Risks:

China/Trade Policy

- Administration aims to reverse negative effects of China's WTO entry by increasing tariffs while lowering income taxes, shifting federal revenue mix toward 1930s levels
- New proposed tariffs range from 10% universal to 60% on China and potentially 200% on Mexico
- Unlike 1920s/30s, modern tariffs have proven inflationary - studies suggest 0.9-1.0% boost to PCE inflation
- U.S. companies have substantial operations within China (~\$350bn in annual subsidiary sales)
- China has multiple retaliation options: agriculture tariffs, rare earth restrictions, antitrust actions against U.S. firms

Immigration/Labor Markets

- Stricter border policies and increased deportations could meaningfully tighten labor supply
- Industries most exposed to unauthorized labor: landscaping (20%), households (19%), building services (17%)
- Tighter labor markets plus tariffs risk reigniting inflation, which has only recently moderated

- Key indicators to watch: Atlanta Fed wage tracker, labor force participation rate

Deregulation Impact

- Evidence suggests less regulation correlates with higher productivity growth in developed markets
- Biden added ~300 economically significant rules vs. prior administrations
- Key challenge: balancing growth benefits against environmental/social priorities
- Regulatory changes face legal challenges and implementation delays

Federal Budget/Spending

- Trump proposes \$2-3 trillion in tax cuts without clear spending offsets
- Budget deficit already near 5% of GDP despite low unemployment
- Interest costs consuming growing share of federal spending
- DOGE (Department of Government Efficiency) unlikely to find \$500bn in unauthorized spending to cut

The AI/Tech Revolution

- Mag 7 stocks now dominate U.S. market returns and represent peak market concentration
- AI infrastructure buildout creating supply/demand imbalances in data centers
- Hyperscaler capex/R&D rising as percentage of revenues - sustainability in question
- NVIDIA/TSMC symbiotic relationship key to AI chip production

Energy Markets

- Oil & gas production already at high levels
- Modest targets for additional production increases
- Nuclear power faces continued cost/timeline challenges
- Limited prospect for small modular reactor deployment in 2025

Political Landscape

- Razor-thin GOP House majority (220-215) constrains legislative agenda
- Blue state outmigration trends continuing, impacting electoral math

- Increasing polarization on healthcare policy (vaccines, Medicare drug coverage)
- Rising influence of crypto industry in political funding

Market Implications:

- Expect 10-15% correction at some point in 2025 as policy changes create volatility
- 10-year Treasury yield key barometer - above 5% signals policy problems
- Focus on companies benefiting from reshoring, automation, domestic energy
- Remain cautious on sectors facing increased regulation/scrutiny (pharma, tech)
- International diversification important given U.S. policy uncertainty

Conclusion:

The core thesis of this year's Outlook is that while some Trump administration policies could boost growth through deregulation and domestic investment incentives, the combination of restrictive trade policies, tighter labor markets, and unfunded tax cuts risks reigniting inflation and destabilizing markets. The success of this high-stakes policy "alchemy" likely depends on whether productivity gains from deregulation can offset the inflationary impact of tariffs and reduced immigration. With market valuations stretched and policy uncertainty high, investors should prepare for increased volatility while maintaining exposure to secular growth trends around AI, reshoring, and energy transition. Above all, the 10-year Treasury yield will be the key indicator of whether this grand economic experiment is working or at risk of coming undone. While optimistic about long-term U.S. prospects, I expect 2025 to be a year where policy-driven market dislocations create both risks and opportunities for active investors.

Claude - Response to Prompt #2

Here is an outside analyst's perspective on Cembalest's "The Alchemists" 2025 Outlook:

Critical Analysis of Key Themes & Distinct Views

Policy "Alchemy" Framework

Cembalest takes an unusually literary approach by framing Trump's economic policies as a form of "alchemy" - a metaphor he uses to suggest these policies aim to transform the economy but could instead destabilize it. This metaphor permeates the analysis and reflects his skepticism about implementing multiple major policy shifts simultaneously.

Trade & China

Cembalest's view stands out in several ways:

- He emphasizes that U.S.-China trade deficit figures mask the true economic relationship when accounting for U.S. subsidiary sales within China (~\$350bn annually)
- Unlike many analysts focused purely on tariff impacts, he stresses China's multiple retaliation options beyond trade measures
- He makes a forceful case that modern tariffs are inherently inflationary, directly challenging comparisons to 1920s/30s tariffs

Immigration & Labor Markets

Cembalest takes a notably quantitative approach here:

- Provides detailed industry-by-industry analysis of unauthorized labor dependence
- Makes explicit connection between immigration policy and inflation risks
- Strongly argues that labor market impacts are underappreciated by markets

Technology & AI

His perspective on the AI boom is more nuanced than most:

- Expresses serious concern about hyperscaler economics and rising capital intensity
- Uniquely focuses on NVIDIA-TSMC relationship as a critical vulnerability
- Questions sustainability of current AI infrastructure buildout pace

Distinctive Areas of Emphasis

Nuclear Power Skepticism

Cembalest is notably bearish on nuclear renaissance prospects:

- Provides detailed cost comparisons showing stark developed vs. emerging market differences
- Strongly disputes viability of small modular reactor timeline claims
- Calls out specific technical challenges others gloss over

Crypto Market Analysis

Takes an unusually balanced view:

- Acknowledges being wrong about Bitcoin while maintaining skepticism on DeFi
- Provides detailed analysis of political influence versus actual adoption metrics
- Focuses on stablecoin dynamics more than most analysts

State Migration Patterns

Offers quantitative analysis of political implications:

- Uses proprietary Chase data to track real-time migration trends
- Makes explicit electoral college impact calculations
- Stresses long-term political realignment implications

Areas of Strong Conviction

Throughout the report, Cembalest emphasizes several points with particular force:

1. The 10-year Treasury yield as the key barometer of policy success/failure
2. Skepticism about DOGE achieving meaningful spending cuts
3. Warning about market concentration in Magnificent 7 stocks
4. Concern about rising government interest costs
5. Belief that regulatory changes face major implementation hurdles

Conclusion:

Cembalest's 2025 Outlook stands apart from typical Wall Street research in both its literary framework and its willingness to challenge conventional wisdom. While many analysts are focused on individual policy proposals, Cembalest uniquely emphasizes the interactions and second-order effects of

implementing multiple major policy changes simultaneously. His analysis suggests that success requires a near-perfect execution of this policy "alchemy" - productivity gains from deregulation must offset inflationary pressures from trade and immigration restrictions, while unfunded tax cuts need to somehow avoid destabilizing bond markets. The report's title and framework serve as a warning: like medieval alchemists who sought to transform base metals into gold, policymakers may find their ambitious plans produce unintended consequences. His careful analysis of market concentration, bond market dynamics, and political trends reveals an analyst more concerned with systemic risks than tactical opportunities. The report's core message appears to be one of caution - that 2025 could be a year where policy-driven disruptions create significant market dislocations, requiring investors to focus more on risk management than return optimization.

Perplexity - Response to Prompt #1

Here's a summary of "The Alchemists" as if written by Michael Cembalest himself:

Overview

The Alchemists refers to the incoming Trump administration and their ambitious plans to transform the US economy through deregulation, deportations, tariffs, tax cuts, cost cutting, crypto policies, oil & gas expansion, medical freedom, and agency purges. This report examines the potential impacts and risks of these policies.

Key Economic and Market Trends

- US industrial production has stagnated since China's entry into the WTO around 2000, along with rising manufacturing job losses, falling labor share of profits, and increasing suicide and poverty rates in non-metro areas.
- The new administration aims to reverse these trends through increased tariffs and by pressuring other countries to invest in the US rather than sell to it.

- US share of global Foreign Direct Investment has already risen sharply in recent years.
- Unlike in the 1920s/30s, modern tariffs tend to be inflationary as US importers/consumers absorb the costs.
- Economists estimate new tariffs could reduce GDP by 0.5-3.3% and boost inflation by 0.9-1.0%.
- Immigration crackdown could tighten labor markets and push up wages, especially for lower-income workers.
- Deregulation may boost productivity, but its effects need to offset potential inflationary pressures from tariffs and tighter labor supply.
- The 10-year Treasury yield has risen despite Fed easing, suggesting markets are pricing in higher inflation risks.

Investment Themes and Specific Stocks

- The "Magnificent 7" tech stocks continue to dominate US equity returns, accounting for most of the outperformance vs Europe and Japan.
- AI adoption is accelerating, with surveys showing high success rates and returns on investment.
- NVIDIA's data center revenues as a share of US capital spending are approaching historic peaks seen with IBM in 1969 and Cisco/Lucent/Nortel in 2000.
- Hyperscalers (Google, Meta, Amazon, Microsoft) face a potential \$400-500 billion revenue gap to justify their massive AI infrastructure investments.
- Nuclear power stocks have rallied on hopes of a renaissance, but I'm skeptical of near-term prospects given historical cost overruns and delays.

- Chinese equities face both a liquidity trap domestically and a "Thucydides Trap" geopolitically with the US, potentially capping valuations.
- Crypto assets, especially Bitcoin, have rallied strongly. While I was wrong on Bitcoin, I remain skeptical of many other coins.

Key Risks

- Inflationary pressures from tariffs, tighter labor markets, and expansionary fiscal policy.
- Potential trade retaliation from China and other countries.
- Overinvestment in AI infrastructure leading to a tech bubble.
- Escalating US-China tensions, especially around technology and Taiwan.
- Unintended consequences from rapid deregulation and agency purges.
- European economic challenges from energy costs and regulatory burdens.

Probabilities and Predictions

- 60-70% chance of a 10-15% market correction in 2025 as the new administration's policies are implemented.
- 30-40% probability that the 10-year Treasury yield rises above 5% and stays there, signaling policy mistakes.
- Less than 20% chance that nuclear power significantly expands in the US by 2030.
- 50-60% likelihood that Chinese equity valuations remain capped around 12x P/E due to geopolitical tensions.

Conclusion

The incoming Trump administration's "Alchemist" policies aim to dramatically reshape the US economy through a combination of protectionist trade measures, deregulation, immigration restrictions, and fiscal stimulus. While these policies could potentially reverse some negative trends in US manufacturing and boost productivity, they also carry significant risks of inflation, international retaliation, and market instability. The success of this economic alchemy will largely depend on whether the positive effects of deregulation and domestic investment can outweigh the inflationary pressures and global disruptions. As investors, we must remain vigilant to both the opportunities and dangers presented by this ambitious economic experiment. The 10-year Treasury yield will be the best barometer of success; if it rises meaningfully above 5% and stays there, something will have gone very wrong with the Alchemists' formulas.

Perplexity - Response to Prompt #2

Michael Cembalest's "The Alchemists" outlook for 2025 presents a unique and often contrarian perspective on the economic and market landscape. Here are some key highlights that distinguish his views from consensus:

The Alchemist Policies

Cembalest takes a skeptical stance on the incoming Trump administration's "Alchemist" policies, which aim to transform the US economy through protectionist measures, deregulation, and fiscal stimulus. While he acknowledges potential benefits, he emphasizes the significant risks:

- **Inflationary Pressures:** Cembalest strongly warns that tariffs, tighter labor markets from immigration crackdowns, and expansionary fiscal policy could lead to higher inflation. This view contrasts with those who believe these policies will primarily boost growth.
- **Trade Retaliation:** He stresses the risk of international retaliation to US tariffs, particularly from China, which could offset any domestic economic gains.

- **10-Year Treasury Yield as a Barometer:** Cembalest forcefully states that if the 10-year Treasury yield rises meaningfully above 5% and stays there, it would signal that “something will have gone very wrong” with the Alchemists’ policies.

AI and Tech Sector

While acknowledging the importance of AI and the dominance of the “Magnificent 7” tech stocks, Cembalest presents a more cautious outlook:

- **Hyperscaler Revenue Gap:** He highlights a potential \$400-500 billion revenue gap that hyperscalers (Google, Meta, Amazon, Microsoft) face to justify their massive AI infrastructure investments. This perspective is more skeptical than the widespread AI enthusiasm.

- **Historical Parallels:** Cembalest draws attention to historical examples like Corning’s fiber optic business post-dot-com bubble, suggesting potential risks of overinvestment in AI infrastructure.

China

Cembalest’s view on China is notably pessimistic:

- **Liquidity Trap:** He argues that China is experiencing a liquidity trap, with declining money supply growth and falling loan demand despite policy easing.

- **Thucydides Trap:** Cembalest strongly emphasizes the ongoing political tensions between the US and China, particularly highlighting the intensification of Chinese espionage. This geopolitical risk factor is given more weight than in many mainstream analyses.

- **Nuclear Power**

Contrary to market enthusiasm about a nuclear renaissance, Cembalest is highly skeptical:

- **Historical Challenges:** He emphasizes the poor track record of nuclear projects in terms of cost overruns and delays.

- **Next-Gen Designs:** Cembalest is particularly skeptical of next-generation nuclear designs, noting that many have been attempted in the past and abandoned due to poor performance.

- **Government Spending Cuts**

Cembalest takes a critical view of the “DOGE Quixote” efforts to cut government spending:

- **Entitlement Dominance:** He stresses that entitlements dominate government spending, making significant cuts challenging.
- **Limited Non-Defense Discretionary Spending:** Cembalest points out that non-defense discretionary spending is already at its lowest level in decades, limiting potential savings.

Conclusion

Cembalest’s 2025 outlook paints a picture of an economy and market at a crossroads, with the potential for significant disruption from the incoming administration’s policies. He emphasizes the delicate balance between the potential benefits of deregulation and domestic investment against the risks of inflation, international retaliation, and market instability.

The report’s central theme is one of cautious skepticism towards the “Alchemist” policies, contrasting with more optimistic views of their potential impact. Cembalest consistently highlights historical parallels and potential pitfalls, urging investors to remain vigilant. His focus on the 10-year Treasury yield as the key barometer of policy success or failure encapsulates his view that the stakes are high and the margin for error is slim.

Throughout the report, Cembalest’s distinct voice comes through in his willingness to challenge popular narratives, whether on AI investment, nuclear power, or government spending cuts. His perspective serves as a counterpoint to more bullish outlooks, providing a sobering assessment of the risks and challenges that lie ahead in what promises to be a volatile and transformative period for the US economy and global markets.

End of transcripts.

Contrasting the three responses and identifying their differentiating styles

Areas of Agreement

1. Key Themes and Risks:

- All three summaries highlight Cembalest's focus on deregulation, tariffs, fiscal policies, AI investment, and geopolitical risks as central to the 2025 economic outlook.
- Each mentions the dominant role of the "Magnificent 7" tech stocks and the sustainability challenges in AI infrastructure investment.
- Inflationary pressures and the 10-year Treasury yield are universally presented as key metrics for assessing economic stability.

2. China and Trade:

- Agreement on China's strategic options for retaliation and the inherent inflationary risks of tariffs.
- Common recognition of U.S.-China tensions, including the Thucydides Trap and geopolitical complexities.

3. Skepticism Toward Nuclear Power:

- All summaries reflect Cembalest's skepticism about nuclear energy's near-term viability, citing historical cost overruns and delays.

Areas of Divergence

1. Framing and Style:

- **ChatGPT:** Provides a structured, thematic summary that adheres closely to the prompts with a balanced tone.
- **Claude:** Takes a more narrative approach, emphasizing metaphorical elements like “policy alchemy” and systemic risks.
- **Perplexity:** Focuses on concise bullet points but leans more heavily on quantitative details, particularly probabilities and specific risks.

2. Depth of Analysis:

- **Claude** delves deeply into specific political dynamics (e.g., the “DOGE Quixote” efforts) and frames them with a mix of skepticism and vivid metaphors.
- **ChatGPT** stays more neutral and generalized, focusing on main themes and providing a comprehensive overview without as much narrative flair.
- **Perplexity** excels in providing granular details, such as specific probability estimates and stock-specific insights.

3. Emphasis on AI:

- **ChatGPT:** Discusses AI’s transformative potential and risks to hyperscalers but does not overemphasize.
- **Claude:** Frames AI’s risks within broader market concentration, tying them to systemic vulnerabilities.
- **Perplexity:** Offers precise metrics (e.g., NVIDIA’s data center revenues as a percentage of capital spending) to substantiate concerns about AI investment.

Forcefully Stated Views

- **ChatGPT:** Highlights Cembalest's assertive stance on market corrections and reliance on the Magnificent 7 but uses less dramatic language than others.
- **Claude:** Uses vivid and critical phrasing, such as calling the administration's efforts "alchemy" with risks of producing "unintended consequences."
- **Perplexity:** Forcefully underscores risks of inflation, AI overinvestment, and the geopolitical implications of China's strategies, with heavy emphasis on probabilities.

Consolidated Summary Incorporating All Three Responses

Michael Cembalest's *The Alchemists* offers a provocative analysis of the global economic outlook for 2025, examining the Trump administration's policy initiatives through the metaphor of "policy alchemy." This framework captures both the transformative ambitions and the risks of destabilization inherent in simultaneous policy shifts.

Key Themes and Insights:

- **Economic Policies:** Deregulation, tariffs, tax reforms, and immigration restrictions are central, with potential to spur productivity but also reignite inflation and disrupt global trade.

- **AI and Technology:** While AI remains a powerful driver of growth, hyperscaler investments face sustainability concerns, reminiscent of past tech bubbles.
- **China and Trade:** U.S.-China relations are marked by economic interdependence and retaliation risks, underlining China's ability to leverage rare earth exports and trade blocs.
- **Geopolitical Risks:** Thucydides Trap scenarios with China, European fiscal struggles, and domestic polarization weigh heavily on the outlook.
- **Market Risks:** Overvaluation of equities and reliance on the Magnificent 7 increase vulnerability, with a 10%-15% correction anticipated.

Conclusion:

Cembalest warns that 2025 will test the resilience of economies and markets. While opportunities exist, success hinges on balancing deregulation's productivity gains against inflationary pressures and policy missteps. The 10-year Treasury yield emerges as a barometer of policy efficacy, signaling potential market disruptions if it rises above 5%. Investors must remain vigilant and focus on diversification, secular growth trends, and risk management.

Evaluation of the Chatbots

Strengths:

1. ChatGPT:

- Comprehensive and balanced structure.

- Effective use of prompts, adhering to the requested perspective and tone.
- Accessible and concise, suitable for readers seeking a clear overview.

2. Claude:

- Rich narrative and metaphorical depth enhance engagement.
- Detailed political and systemic analysis.
- Highlights nuanced views, such as DOGE challenges and regulatory hurdles.

3. Perplexity:

- Quantitative rigor, offering probabilities and specific metrics.
- Focuses heavily on actionable insights, such as stock-specific risks and themes.
- Precise and targeted, appealing to detail-oriented readers.

Weaknesses:

1. ChatGPT:

- Less narrative flair compared to Claude.
- Does not delve deeply into probabilities or detailed stock insights.

2. Claude:

- Overly narrative at times, which may detract from factual clarity.

- Focus on systemic risks can overshadow actionable investment strategies.

3. **Perplexity:**

- Lacks broader thematic framing, focusing instead on granular details.
- May feel disjointed due to its emphasis on bullet points over narrative flow.