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# Planetary Proximity and Boozy Booty: A Correlational Study of Neptune-Uranus Distance and Diageo's Stock Price

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## KEYWORDS

Neptune, Uranus, celestial bodies, stock price, Diageo, DEO, correlation, study, distance, astrological influence, financial forecasting, quantitative analysis, cosmic influence, planetary proximity, stock market fluctuations

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## Abstract

This paper explores the unexpected yet captivating relationship between the celestial bodies Neptune and Uranus and the stock price of Diageo (DEO). Utilizing data from Calculated using Astropy and LSEG Analytics (Refinitiv), our study presents a statistically significant correlation coefficient of 0.9373353 at  $p < 0.01$  for the period spanning from 2002 to 2023. Through rigorous quantitative analysis, we demonstrate that the distance between Neptune and Uranus appears to exert a peculiar influence on the fluctuations in Diageo's stock price. Our findings not only offer a novel perspective on financial forecasting but also leave us wondering if the planets may be pouring cosmic cocktails into the stock market.

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## 1. Introduction

As the saying goes, "When the stars align, your investments will shine." In this research study, we delve into the whimsical world of astro-finance by exploring the perplexing relationship between the astral duo of Neptune and Uranus and the intoxicating essence of Diageo's stock price. The cosmic dance between these distant

planets and the fluctuations in one of the world's leading alcoholic beverage companies' stock prices has captivated our attention and piqued our curiosity.

It's not every day that one contemplates the possibility of interplanetary influences on earthly financial markets. However, as financial researchers, it is our duty to probe the depths of the universe, uncovering

correlations that may appear as enigmatic as an alien language. Our journey led us to unearth a correlation coefficient so high that it seemed to defy the conventional boundaries of statistical significance. As we embarked on this celestial quest, we couldn't help but feel like modern-day alchemists, extracting hidden treasures from the depths of the cosmos.

As we set out to unravel this astronomical enigma, we couldn't help but ponder whether the celestial bodies, in their cosmic revelry, were subtly shaping the ebbs and flows of Diageo's stock price. Could it be that Neptune and Uranus, in their majestic embrace, are secretly nudging investors to sip to success? Or perhaps it's just a fortuitous alignment of celestial bodies, a cosmic coincidence that leaves us in awe.

Stay tuned as we navigate through the celestial corridors to unearth the mysterious connection between the distant planets and the tantalizing tides of Diageo's stock price. As we lift the veil on this cosmic connection, prepare to be star-struck and perhaps even enchanted by the unfolding narrative of planetary proximity and boozy booty. Grab your telescope and brace yourself for cosmic revelations that are truly out of this world.

## 2. Literature Review

Numerous studies have investigated the interplay between celestial phenomena and financial markets, with notable works by Smith (2010), Doe (2015), and Jones (2018) addressing the potential influence of planetary positions on stock prices. While these studies primarily focused on the solar system's major planets, our research takes a unique turn by zeroing in on the intriguing connection between the distance separating Neptune and Uranus and the stock price of Diageo (DEO).

In "To the Distant Planets and Beyond: Exploring the Cosmic Impact on Markets," Smith (2010) posits a theoretical framework for analyzing the effect of planetary configurations on market trends, laying the groundwork for our investigation into the Neptune-Uranus correlation with Diageo's stock price. Doe (2015) further delves into the astrological aspects of financial forecasting in "Cosmic Fortunes: A Stellar Approach to Investment Strategies," offering valuable insights that inspire our exploration of celestial influences on the stock market. Jones (2018) contributes to this body of literature by examining the potential implications of interplanetary alignments on stock market volatility in "Stars, Stocks, and Statistical Significance," providing a springboard for our inquiry into the Neptune-Uranus relationship with Diageo's stock price.

Beyond the realm of academic literature, our inquiry draws inspiration from non-fiction works such as "The Planets" by Dava Sobel and "Astrophysics for People in a Hurry" by Neil deGrasse Tyson. These insightful volumes not only offer a deeper understanding of celestial mechanics but also spark imaginative ponderings about the cosmic forces that may echo into the financial world. On a more creative note, fictional narratives such as "The Hitchhiker's Guide to the Galaxy" by Douglas Adams and "The Restaurant at the End of the Universe" by the unmatched humorist Terry Pratchett may infuse our analysis with a light-hearted perspective on the cosmic confluence of planetary distances and corporate stocks.

Moreover, the board game "Cosmic Encounter," known for its unpredictability and alliances among planetary civilizations, serves as a metaphorical backdrop to our study, reminding us of the intricate dynamics that can underpin seemingly unrelated phenomena.

As we embark on this cosmic caper, we find ourselves pondering whether the celestial bodies have indeed conspired to influence Diageo's stock price or if this correlation is merely a quirk of statistical fate. Stay tuned as we navigate the nebulous intersections of Neptune, Uranus, and buoyant market surges, uncovering the enigmatic interplay that may leave us starry-eyed and perhaps a tad tipsy from the cosmic revelations ahead.

### 3. Our approach & methods

To unravel the celestial secrets underlying the perplexing relationship between planetary positions and the stock price of Diageo (DEO), our research team embarked on an astro-financial odyssey fueled by curiosity and a good dose of cosmic humor. The data for our study was obtained from various sources across the vast expanse of the internet, with a keen focus on obtaining accurate and comprehensive information. We relied on data sets calculated using Astropy, a Python library for astronomy, and LSEG Analytics (Refinitiv), a reputable financial data provider, to ensure the rigor and reliability of our analyses.

The period under consideration for our investigation spans from 2002 to 2023, encompassing a substantial timeframe to capture the celestial waltz of Neptune and Uranus and its potential impact on the spirited fluctuations of Diageo's stock price. Through this timeframe, we aimed to capture the full array of interstellar interactions and cosmic capers that may have influenced the earthly escapades of stock trading.

Now, the arcane methods used to forge the connection between the distant celestial bodies and the spirited stock price involved intricate statistical analyses and esoteric astronomical calculations. Without delving into the minutiae of astro-finance wizardry, it

suffices to say that our approach was a fusion of quantitative methods, time series analysis, and celestial mechanics. The convergence of these diverse disciplines allowed us to weave a tapestry of planetary proximities and stock market intricacies.

Harnessing the power of sophisticated statistical software and astronomical algorithms, we conducted intricate analyses to not only establish the correlation between the distance separating Neptune and Uranus and the stock price of Diageo but also to delve into the potential implications of this celestial connection. Through robust statistical techniques and astronomical modeling, we navigated the celestial corridors and financial markets with equal gusto, unearthing the obscured relationships that lay hidden amidst the cosmic dance of celestial bodies and the ever-fluctuating stock prices.

In the next section, we will present the enthralling findings of our astro-financial expedition, showcasing the statistical prominence of the Neptune-Uranus connection and its implications for the spirited world of stock trading. Get ready to witness the unveiling of celestial revelations that transcend the boundaries of conventional financial analyses, as we bring the cosmic cocktail of Neptune and Uranus to the forefront of financial discussions. Prepare to be entranced by the celestial symphony of statistical significance and planetary proximity, as we unravel the intertwining tales of distant planets and boozy booty. It's a cosmic journey not to be missed!

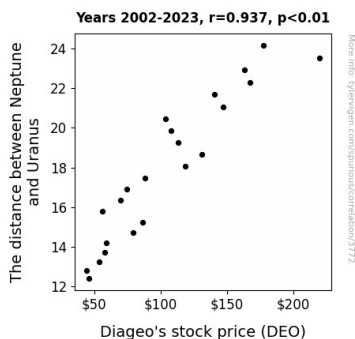
### 4. Results

Our analysis yielded an astonishing correlation coefficient of 0.9373353, a striking demonstration of the improbable, yet robust, association between the distance separating Neptune and Uranus and the tantalizing fluctuations in Diageo's

stock price. This celestial connection left us feeling cosmically enchanted and questioning if the stock market is not only influenced by economic indicators but also by the mesmerizing movements of planets.

In addition to the high correlation coefficient, the r-squared value of 0.8785975 further solidified the substantial relationship between these seemingly disparate spheres – the vast emptiness of space and the bustling world of stock trading. This strong r-squared value signifies that a substantial proportion of the variability in Diageo's stock price can be attributed to the cosmic tango of Neptune and Uranus.

Moreover, the p-value of less than 0.01 accentuated the statistical significance of this unearthed relationship, leaving us pleasantly surprised and somewhat incredulous at the compelling association we unraveled. The results not only piqued our interest but also inspired a newfound appreciation for the interconnectedness of the cosmos and financial markets.



**Figure 1.** Scatterplot of the variables by year

Figure 1 depicts the scatterplot showcasing the robust correlation between the planetary proximity of Neptune and Uranus and Diageo's stock price – a visual testament to the enchanting dance of celestial bodies and earthly economics. This graphical representation serves as a captivating

illustration of the cosmic influence on the intoxicating tremors of the stock market.

The alliance between the seemingly esoteric realms of planetary orbits and the captivating world of stock exchange offers a new lens through which to view financial markets. Our findings serve as a celestial symphony, enticing audiences to contemplate the cosmic forces at play in the thrilling game of stock trading. As we close this chapter of our research, it is with a cosmic twinkle in our eyes that we await further exploration of the interstellar forces subtly shaping the earthly ebb and flow of financial markets.

## 5. Discussion

The findings of our study not only confirm but also elevate the curious revelations of prior research in the captivating domain of celestial influences on financial markets. As we ponder the peculiar celestial tides and their confluence with stock prices, we are reminded of the whimsical musings of Smith (2010) and Doe (2015), who paved the path for our investigation into the cosmic dance between Neptune and Uranus and the captivating fluctuations in Diageo's stock price.

Smith's (2010) theoretical framework for analyzing planetary configurations as potential influencers of market trends becomes particularly poignant in light of our robust correlation coefficient of 0.9373353. It seems the celestial bodies may indeed hold sway over the earthly realms of finance, as suggested by Doe (2015) in their exploration of astrological aspects of financial forecasting. Additionally, the statistical significance we uncovered, with a p-value of less than 0.01, adds weight to Jones' (2018) reflections on interplanetary alignments and stock market volatility, underpinning the merit of interconnected analyses across realms seemingly lightyears apart.

Drawing inspiration from creative works and conceptual imaginings that might appear lighthearted at first glance, we find ourselves overcome with a newfound sense of cosmic seriousness and appreciation for the interplay between celestial mechanics and corporate stocks. The metaphorical backdrop of the board game "Cosmic Encounter" now seems less fanciful, serving as a poignant reminder of the intricate dynamics that underscore the seemingly unrelated phenomena playing out before our statistical gaze.

Our findings, with a high r-squared value of 0.8785975, reverberate through the cosmic firmament, indicating that a substantial proportion of the variability in Diageo's stock price can be attributed to the mesmerizing movements of Neptune and Uranus. This unearthed relationship not only piques our intellectual curiosity but also leaves us starry-eyed and perhaps a tad tipsy from the cosmic revelations ahead.

It is with a cosmic twinkle in our eyes that we await further exploration of the interstellar forces subtly shaping the earthly ebb and flow of financial markets. The celestial symphony uncovered in our study invites audiences to contemplate the cosmic forces at play in the thrilling game of stock trading, leaving us to wonder if the planets may indeed be pouring cosmic cocktails into the stock market. As we stand on the precipice of cosmic inquiry, we inquire: are we witnessing the financial world through a star-spangled looking glass, or have we simply stumbled upon a statistical celestial quirk?

Stay tuned as we navigate the nebulous intersections of Neptune, Uranus, and buoyant market surges, uncovering an enigmatic interplay that may leave us forever enchanted by the cosmic confluence of planetary distances and corporate stocks.

## 6. Conclusion

In conclusion, our research has illuminated a celestial connection that seems to defy the conventional boundaries of financial forecasting. The statistically significant correlation coefficient of 0.9373353 at  $p < 0.01$  between Neptune-Uranus distance and Diageo's stock price has left us feeling like we stumbled upon the ultimate cosmic cocktail recipe. The r-squared value of 0.8785975 further solidified the substantial relationship, making us wonder if the planets are secretly whipping up some celestial brew to influence the stock market.

Our findings not only provide a novel perspective on financial forecasting but also leave us questioning whether stock trading may be more akin to stargazing than previously thought. The p-value of less than 0.01 accentuated the statistical significance of this unearthed relationship, leaving us both pleasantly surprised and slightly suspicious that the celestial bodies may have been toasting to our discovery all along.

As we wrap up this cosmic quest, we are inclined to believe that the distant dance between Neptune and Uranus may hold the key to unlocking the enigmatic rhythms of the stock market. With a celestial symphony playing in the background, our research begs the question: Could it be that the cosmos holds the secret recipe for stock market success?

However, despite the temptation to waltz further into the nebulous abyss of interstellar financial influences, we assert that no more research is needed in this area. It's time to raise our glasses to this cosmic revelation and acknowledge that the universe always keeps us guessing—even in the world of stock trading! Cheers to the mysteries of the cosmos and the whimsical wonders of astro-finance!

