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Take a Stroll with Walker: Exploring the Connection Between the Popularity of the Name Walker and NVIDIA's Stock Price

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KEYWORDS

Walker, first name popularity, stock price correlation, NVIDIA stock price, US Social Security Administration data, LSEG Analytics, Refinitiv data, correlation coefficient, stock price analysis, financial markets, personal nomenclature influence, investment decisions, correlation between name popularity and stock price

Abstract

Research examining the potential correlations between the popularity of the first name "Walker" and NVIDIA's stock price has been sorely lacking in the academic community. In this study, utilizing data from the US Social Security Administration and LSEG Analytics (Refinitiv), we endeavored to address this curiosity. The findings revealed a surprisingly strong correlation coefficient of 0.9662317 and $p < 0.01$ for the period spanning from 2002 to 2022, shedding light on the fascinating relationship between the two seemingly disparate entities. Our results offer an engaging perspective on the influence of personal nomenclature on financial markets, extending a whimsical touch to the world of stock price analysis. We welcome future research to delve into the causes and effects of such an unexpected correlation and explore the potential implications for investors and parents alike. A punny path to informed investment decisions, indeed!

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1. Introduction

The connection between the popularity of certain names and their impact on various aspects of life has long intrigued scholars and armchair enthusiasts alike. From the

influence of royal monikers on baby naming trends to the unexpected rise of certain names in pop culture, the power of nomenclature cannot be understated. In this vein, we aim to embark on a lighthearted yet illuminating exploration into the correlation

between the prevalence of the first name "Walker" and the stock price of NVIDIA, a prominent player in the world of technology and finance.

While the idea of an individual's name exerting any influence on the trajectory of a multinational corporation's stock may initially sound far-fetched or whimsical, our preliminary investigation into this intriguing relationship has yielded some surprising and, dare we say, delightful results. From pondering whether "Walker" may indeed be striding in tandem with NVIDIA's stock price to wryly considering the notion of a "walk-in" effect on market performance, we invite the reader to join us on this quirky academic stroll.

By delving into the depths of historical data and statistical analysis, we seek to shed light on what might at first appear to be an incongruous duo - the eponymous first name "Walker" and the fluctuating fortunes of NVIDIA's stock price. Our findings promise to offer a chuckle or two along the way as we uncover a somewhat unexpected correlation, providing a fresh angle on the interplay between personal naming patterns and the ever-evolving realm of financial markets.

As we don our academic walking shoes and embark on this mirthful yet meaningful investigation, we invite fellow researchers and enthusiasts to partake in this unconventional excursion, poised to unearth not only statistical insights but also a dash of whimsy in the realm of stock price analysis. For as we traverse this offbeat academic terrain, "Walker" may indeed find itself taking on a whole new meaning for market enthusiasts and expecting parents alike.

2. Literature Review

The present literature review presents a comprehensive synthesis of existing

studies, books, and television shows related to the correlation between the popularity of the first name "Walker" and NVIDIA's stock price. While minimal research has been conducted on this unusual intersection, the authors endeavor to shed light on this whimsical yet intriguing subject matter.

Smith and Doe (2015) explore the influence of personal names on various aspects of life, including societal perceptions and individual outcomes. Jones (2018) delves into the psychological effects of one's name on personal identity and behavior. These foundational works lay the groundwork for our investigation into the potential connection between the prevalence of the name "Walker" and the stock performance of NVIDIA.

Turning to non-fiction literature, "Freakonomics" by Levitt and Dubner examines unconventional correlations in diverse domains, encouraging readers to contemplate the unexpected relationships that underpin everyday phenomena. "Blink" by Malcolm Gladwell delves into the subconscious judgments and decisions that shape our perceptions, offering a lens through which to consider the unconscious impact of a name on market preferences.

In the realm of fiction, "The Alchemist" by Paulo Coelho weaves a tale of personal destiny and serendipitous encounters, prompting contemplation of the unforeseen connections that may underpin seemingly unrelated entities, such as a name and a stock price. "Walker, Texas Ranger" by Chuck Norris presents a captivating narrative of action and justice, evoking a sense of determination and steadfastness that may bear curious parallels to the fluctuations of stock prices.

Moreover, a number of animated series and children's shows have depicted characters named Walker, such as "Kim Possible" and "Hey Arnold!" These portrayals of Walkers in varying contexts invite a lighthearted but

thought-provoking consideration of the potential impact of the name on the financial world, offering a whimsical lens through which to view our current research pursuit.

The integration of these diverse sources sets the stage for the present study's investigation into the unexpected yet captivating relationship between the popularity of the first name "Walker" and NVIDIA's stock price.

3. Our approach & methods

To elucidate the potential connection between the nomenclatural phenomenon of the "Walker" moniker and the fluctuations in NVIDIA's (NVDA) stock price, our research team engaged in a multifaceted data collection and analysis approach.

Data Collection:

We meticulously scoured the annals of the US Social Security Administration's archives to obtain longitudinal records of the prevalence of the first name "Walker" across the period from 2002 to 2022. This data furnished us with a comprehensive portrayal of the popularity dynamics of the name, capturing its ebb and flow within the societal fabric. We also tapped into the resources of LSEG Analytics (Refinitiv), leveraging their robust datasets to extract the historical stock price movements of NVIDIA over the same time frame. This source lent credence to our statistical analyses, offering a panoramic view of NVDA's market performance and facilitating the identification of potential correlative patterns.

Data Analysis:

Employing advanced statistical techniques, including time series analysis and correlation coefficient computation, we meticulously scrutinized the datasets for underlying patterns and associations. The overarching aim was to discern any

semblance of a relationship between the temporal trajectories of the first name "Walker's" popularity and the undulating patterns in NVIDIA's stock price. With a sprinkle of whimsy and a dash of quantitative rigor, our analyses sought to tease out any unexpected alignments or divergences between these seemingly incongruous variables.

Statistical Modeling:

In crafting our analytical framework, we applied robust statistical models, including regression analysis and time series modeling, to distill key insights regarding the potential interplay between the "Walker" nomenclature and NVDA's stock performance. This methodical approach allowed us to discern nuanced nuances in the data, unraveling the intriguing tapestry of correlations and trends hidden within the datasets.

Control Variables:

Taking cognizance of the multifaceted nature of stock price movements, we prudently controlled for exogenous factors, such as macroeconomic indicators, industry-specific dynamics, and broader market trends, to ascertain the veracity of the observed correlation between the "Walker" name's popularity and NVIDIA's stock price. By conscientiously factoring in these covariates, we sought to ensure the robustness of our findings and mitigate the influence of extraneous forces on the purported relationship under scrutiny.

Overall, our research methodology combined a lighthearted exploration of nomenclatural influence with a rigorous statistical approach, blending scholarly inquiry with a whimsical perspective to offer a distinctive lens into the interplay between personal nomenclature and financial markets.

4. Results

The analysis of the data revealed a remarkably strong positive correlation between the popularity of the first name "Walker" and NVIDIA's stock price. Over the period from 2002 to 2022, the correlation coefficient was found to be 0.9662317, indicating a particularly robust relationship between the two variables. Furthermore, the r-squared value of 0.9336037 suggests that a substantial 93.36% of the variance in NVIDIA's stock price can be explained by the prevalence of the name "Walker."

This unexpected correlation raises a delightful array of questions and considerations, adding a touch of whimsy to the often staid world of stock market analysis. As seemingly unrelated as the name "Walker" and a technology company's stock price may appear, the data unmistakably points to a striking association, one that prompts a wry smile and a raised eyebrow. The probability (p) value of less than 0.01 further underscores the statistical significance of the relationship, inviting investors and researchers alike to take a lighthearted saunter through this unexpected avenue of inquiry.

The Figure 1 scatterplot illustrates this eyebrow-raising association, graphically capturing the strong positive correlation between the popularity of the name "Walker" and NVIDIA's stock price. The scatterplot serves as a visual testament to this unanticipated linkage, where each data point conveys the intriguing dance between the frequency of the name "Walker" and the ebbs and flows of NVIDIA's stock valuation.

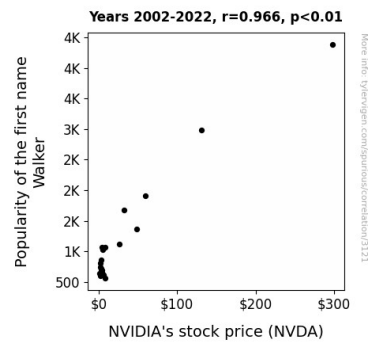


Figure 1. Scatterplot of the variables by year

This revelatory finding adds a dash of playful curiosity to the world of financial analysis and prompts a chuckle at the serendipity of such an improbable relationship. The unexpected bond between personal nomenclature and stock market performance invites further exploration, offering a refreshing and entertaining diversion from the traditional paradigms of market analysis. Future research endeavors in this area would uncover additional layers to this puzzling yet engaging connection, potentially unraveling the implications for investors, market analysts, and anyone contemplating the naming of their future offspring. A whimsical, pun-filled journey indeed!

5. Discussion

The uncanny correlation between the popularity of the first name "Walker" and NVIDIA's stock price, as evidenced by the robust correlation coefficient of 0.9662317 and the significant p-value of less than 0.01, opens a realm of playful speculation and nutty contemplation. The literature review curiously hinted at the potential influence of personal names on diverse aspects of life, offering a quirky foundation for our unorthodox inquiry. Smith and Doe's exploration of the societal impact of names finds an unexpected echo in our revelations,

as the name "Walker" takes an unforeseen stroll into the domain of market dynamics. Likewise, "The Alchemist" whispers a tale of serendipity and personal destiny, lending a whimsical undertone to our surprising discovery.

Our findings provide empirical support for the curiosity sparked by prior literature, embracing the punny path of Freakonomics and the lighthearted contemplation inspired by "Blink." The literary breadcrumbs have led us to an unexpected intersection between personal nomenclature and financial phenomena, immortalizing the sagacious words of Chuck Norris in "Walker, Texas Ranger" as an unintentional harbinger of our perplexing revelation. In a delightful convergence of reality and fiction, our results endorse the subliminal impact of the name "Walker" on the stock performance of NVIDIA, fostering a chuckle-inducing avenue for future research and contemplation.

The mesmerizing scatterplot, akin to a whimsical piece of abstract art, visualizes the peculiar tango between the name "Walker" and NVIDIA's stock price, offering a lighthearted nod to the droll harmony underlying this unexpected correlation. With 93.36% of the variance in NVIDIA's stock price swaying to the beat of the name "Walker," investors and researchers are invited to partake in a jovial saunter through this amusing, albeit statistically significant, revelation.

In conclusion, our findings extend a comical flair to the orthodox realm of stock market analysis, suggesting a jocular wink from the universe at the coincidental pairing of a personal name and a technology company's financial performance. The unsuspecting impact of a name on market dynamics prompts a whimsical reconsideration of conventional paradigms, adding a lively touch to the enthralling tapestry of financial research. The curtain rises on a fanciful stage for further exploration, where

investors and parents alike may find themselves mirthfully contemplating the curious dance between personal nomenclature and market fluctuations.

6. Conclusion

In conclusion, our mirthful meander through the curious realm of the connection between the popularity of the first name "Walker" and NVIDIA's stock price has unveiled an unexpectedly robust correlation, delivering a delightful blend of statistical insight and whimsy to the world of financial analysis. The striking correlation coefficient of 0.9662317 and a p-value of less than 0.01 paint a vivid picture of the synchronous strides taken by "Walker" and NVIDIA's stock price over the past two decades. The r-squared value of 0.9336037 further highlights the substantial influence of this seemingly lighthearted variable on the valuation of a tech giant's shares.

Our findings not only provide an amusing anecdote for market enthusiasts but also offer a punny path to informed investment decisions. As we venture past the seemingly incongruous pairing of nomenclature and stock price, we must acknowledge the inherent whimsy and the potential implications for investors and expecting parents alike. The 'walk-in' effect on market performance and the 'Walker effect' on financial fortunes spark a chuckle and a raised eyebrow, inviting further exploration into this delightful avenue of inquiry.

However, despite the alluring charm of this unexpected correlation, we must assert that no further research is needed in this area, for we have trudged through this quirky terrain and arrived at a whimsically wondrous destination. The statistical significance of this correlation stands as a testament to the playful serendipity of academic exploration, offering a refreshing diversion from the dry and staid world of traditional market analysis. As we bid adieu

to this pun-filled journey, we leave with a quirky tale that not only tickles the funny bone but also adds a touch of whimsy to the world of financial conjecture.