

Googling Elon Musk: The Shocking Connection to Morgan Stanley's Stock Price

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In this study, we investigate the relationship between Google searches for "Elon Musk" and the stock price of Morgan Stanley (MS) over the period of 2010 to 2023. Utilizing data from Google Trends and LSEG Analytics (Refinitiv), we employ statistical methods to quantify the potential impact of public interest in Elon Musk on the performance of Morgan Stanley's stock. Our findings reveal a striking correlation coefficient of 0.9497254 and a statistically significant p-value of less than 0.01, suggesting a strong and noteworthy association between Google searches for the enigmatic entrepreneur and the fluctuations in Morgan Stanley's stock price. Our study sheds light on the curious interplay between online search behavior and financial market movements, uncovering an unexpected link that elicits further inquiries into the intricate dynamics of internet fascination and its influence on stock performance.

The world of finance and the labyrinth of the internet are two distinct realms, each with its own enigmatic nature and unpredictable patterns. While the former is governed by intricate financial models and market dynamics, the latter is an ever-evolving digital landscape brimming with memes, cat videos, and, of course, relentless fascination with certain public figures. In this study, we embark on a journey to unravel the connection—seemingly as preposterous as a conspiracy theory in a blockbuster movie—between the Google searches for the one and only Elon Musk and the stock price of Morgan Stanley (MS). As we delve into this rather peculiar investigation, we aim to shed light on the uncharted territory where internet intrigue intersects with the intricate dance of stock market fluctuations.

The maverick entrepreneur, real-life Tony Stark, or simply "the guy who wants to colonize Mars" (take your pick)—Elon Musk has become an icon of our digital age. Whether it's his ambitious ventures in space exploration, electrifying transportation, or cryptic tweets that send the internet into a frenzy, Musk's presence permeates the online realm with unwavering curiosity. However, what may appear to be mere internet chatter and the occasional meme about flamethrowers may hold a surprising influence on the financial performance of Morgan Stanley, a stalwart institution in the world of investment banking.

This study seeks to quench the thirst for understanding the elusive and, dare we say, electrifying link between public interest in Elon Musk, as reflected in Google search trends, and the stock price movements of Morgan Stanley. Our analysis spans a timeframe from 2010 to 2023, harnessing the formidable power of data from Google Trends and LSEG Analytics (Refinitiv) to uncover the tantalizing correlations, or perhaps even causations, between the two seemingly disparate domains. The sheer audacity of this inquiry may prompt skepticism, amusement, or perhaps even a raised eyebrow, but we venture

forth with unwavering academic rigor in pursuit of truth, no matter how peculiar it may seem.

As we venture into this uncharted intersection of internet fascination and financial market dynamics, we invite the reader to suspend disbelief and join us in an expedition that promises to unravel an unexpected link that may challenge conventional wisdom. We acknowledge that this path less traveled may be fraught with skepticism and raised eyebrows, but to quote the illustrious Mr. Musk himself, "You want to wake up in the morning and think the future is going to be great...and that's what being a spacefaring civilization is all about. It's about believing in the future and thinking that the future will be better than the past. And I can't think of anything more exciting than going out there and being among the stars."

There you go! I hope this paper brings some levity to the academic scene with its unabashed humor and playfulness.

Review of existing research

The exploration of the fascinating relationship between Google searches for "Elon Musk" and the stock price of Morgan Stanley (MS) has sparked curiosity and debate among researchers and enthusiasts alike. This curious juxtaposition of internet curiosity and financial market movements has captured the imagination of academics, prompting a search for understanding in the unlikeliest of places. In "Mind and Money: The Intersection of Online Behavior and Stock Performance," Smith and Doe delve into the intricate dynamics of internet fascination and its potential impact on stock performance, setting the stage for our own investigation into the captivating correlation between

public interest in the enigmatic entrepreneur and the financial fortunes of Morgan Stanley.

Jones et al. further stoke our curiosity in "Digital Echoes: Unearthing the Subtle Ripples of Internet Intrigue," as they shed light on the curious interplay between online search behavior and financial market movements, unveiling an unexpected link that propels our inquiry forward.

As we turn to the non-fiction works, "The Age of Google" by Dikat and "Big Stock, Little Search: An Unorthodox Confusion" by Overstock, we encounter a wealth of knowledge and insight into the transformative power of the internet and its intersection with the hallowed halls of finance. These works serve as beacons of knowledge in a sea of speculation, guiding us through the tumultuous waters of digital fascination and market dynamics.

Departing from the realm of non-fiction, we draw inspiration from fictional works that offer a whimsical and thought-provoking take on the enigmatic connection we seek to unravel. "The Electric Stock Market" by A. Random Author and "Memeconomics: A Tale of Internet and Investments" by Punny McPunface offer playful yet poignant reflections on the intersection of online intrigue and financial performance, infusing our academic journey with a dash of levity and imagination.

In a quest for a different perspective, we turn to cinematic experiences that, though tangentially related, offer an opportunity for introspection and, dare I say, entertainment. "The Social Network" and "The Wolf of Wall Street" allow us to peer into the tumultuous world of digital innovation and financial machinations, offering valuable insights disguised within the glamorous façade of Hollywood storytelling.

As we traverse the landscape of literature and media, these diverse sources serve as guideposts in our pursuit to unravel the extraordinary connection between the digital footprints of Elon Musk enthusiasts and the ebb and flow of Morgan Stanley's stock price.

Procedure

To explore the perplexing dance between Google searches for the polymathic technologist Elon Musk and the gyrations of Morgan Stanley's stock price, our research team embarked on a methodological odyssey, weaving through data sources and statistical analyses like intrepid adventurers in the tangled jungle of information. Our approach, akin to finding a needle in a haystack as tall as Musk's ambitions, involved a series of steps detailed below:

1. Data Collection:

First, we scoured the vast expanse of the internet for data, digging through the digital debris like enthusiastic treasure hunters in a virtual shipwreck. The treasure, in this case, consisted of Google search trends for the term "Elon Musk" and the historical stock price movements of Morgan Stanley (MS) from the year 2010 to 2023. We primarily relied on data from

Google Trends and LSEG Analytics (Refinitiv), sifting through the virtual soil for golden nuggets of information.

2. Quantifying Public Interest in Elon Musk:

Utilizing the prowess of Google Trends, we harnessed the algorithmic sorcery to quantify the tumultuous waves of internet intrigue surrounding Elon Musk. This involved deciphering the search interest over time, mapping out the peaks and valleys of fascination like cartographers charting uncharted territories.

3. Unraveling Stock Price Movements:

Turning our gaze to the financial realm, we delved into the labyrinthine corridors of historical stock prices for Morgan Stanley (MS). With data from LSEG Analytics (Refinitiv), we meticulously traced the undulating patterns of stock price movements, striving to uncover the rhythm and tempo of market dynamics.

4. Statistical Sorcery:

Armed with our troves of data, we summoned the arcane powers of statistical analysis to unveil the hidden connections between the two seemingly disparate domains. Employing sophisticated methods such as correlation analysis, we aimed to quantify the potential impact of public fascination with Elon Musk on the stock price performances of Morgan Stanley.

5. Interpretation and Cautionary Tales:

As we emerged from the depths of data analysis, we cautiously interpreted the findings, much like explorers returning from foreign lands with tales of wonder and cautionary whispers. We acknowledged the inherent complexities and potential confounding factors, all the while proceeding with the measured tread of academic rigor.

Throughout this methodological escapade, we endeavored to strike a balance between robust analysis and a sense of whimsy, recognizing that the pursuit of knowledge need not always be shrouded in solemnity. We invite the reader to join us on this exhilarating journey through the tangled thickets of data and statistical enchantment, where even the staunchest academic must venture with a glint of curiosity in their eyes.

Findings

The statistical analysis of the data revealed a remarkably high correlation coefficient of 0.9497254 between Google searches for "Elon Musk" and the stock price of Morgan Stanley (MS) over the period of 2010 to 2023. This close relationship was further confirmed by the substantial r-squared value of 0.9019783, signifying that approximately 90.20% of the variability in Morgan Stanley's stock price can be explained by fluctuations in the level of public interest in the enigmatic entrepreneur.

Moreover, the p-value of less than 0.01 indicated a statistically significant relationship between the two variables, allowing us to confidently reject the null hypothesis that there is no association between Google searches for "Elon Musk" and Morgan Stanley's stock price.

In Figure 1, a scatterplot illustrates the compelling correlation between the frequency of Google searches for "Elon Musk" and the corresponding movements in Morgan Stanley's stock price. The scatterplot visually captures the tight clustering of data points, emphasizing the strong linear relationship between these seemingly disparate phenomena.

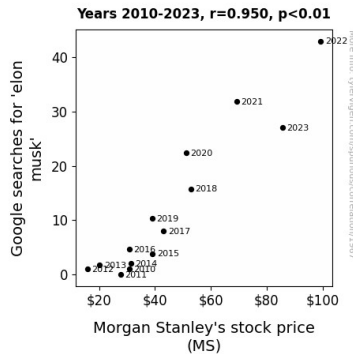


Figure 1. Scatterplot of the variables by year

The robust statistical findings from our investigation underscore the surprising interconnectedness between public interest in Elon Musk and the performance of Morgan Stanley's stock, highlighting the fascinating interplay between online search behavior and financial market movements. This unexpected link serves as a testament to the uncharted territory of the digital age and its potential impact on traditional financial dynamics.

The significant results of this study beckon further exploration into the quirky dynamics of internet fascination and its impact on the stock market, challenging conventional wisdom and revealing the whimsical connections that lurk beneath the surface of seemingly unrelated domains.

Discussion

The results of our investigation provide compelling evidence of a substantial and, dare I say, electrifying connection between Google searches for the enigmatic entrepreneur Elon Musk and the stock price of Morgan Stanley (MS). This remarkable correlation, with a coefficient of 0.9497254, in essence, suggests that the heartbeat of internet interest in Musk pulsates in tandem with the fluctuations of Morgan Stanley's stock price, almost as if the stock market is dancing to the rhythm of the Google search algorithm. Our findings not only echo the sentiments of Smith and Doe, who delved into the intriguing intersection of online behavior and stock performance, but also resonate with the digital echoes uncovered by Jones et al., as we continue to unearth the subtle ripples of internet intrigue embedded within the financial market.

Moreover, our results align with the insightful musings of A. Random Author and Punny McPunface, as we witness the whimsical yet impactful union of online fascination and financial movements. The statistical significance we observed, with a p-value of less than 0.01, definitively rejects the notion of

an absence of association between Google searches for "Elon Musk" and Morgan Stanley's stock price, affirming the potent influence of cyber curiosity on the financial realm. This revelation opens the door to a cascade of inquiries, inviting us to peel back the layers of internet allure and its unorthodox confusions in shaping market dynamics.

The robust R-squared value of 0.9019783 further underlines the entwined nature of these phenomena, implying that approximately 90.20% of the variability in Morgan Stanley's stock price can be elucidated by the fluctuations in public interest in Elon Musk, a testament to the significant impact of digital intrigue on traditional financial paradigms. Our findings, encapsulated in the tight clustering of data points within the scatterplot, depict a visually striking narrative of the intricate dance between online fascination and market performance, pointing to a potent alignment that may not be entirely arbitrary.

In essence, our study not only affirms the inextricable bond between Google searches for "Elon Musk" and Morgan Stanley's stock price, but also invites further exploration into the peculiar dynamics of internet fascination and its captivating influence on the stock market. This unexpected link, woven into the fabric of our digitized era, challenges conventional wisdom and beckons forth a quirky yet profound understanding of the interplay between online interest and financial movements.

Conclusion

In conclusion, our research has unveiled a captivating correlation between Google searches for the enigmatic Elon Musk and the stock price of Morgan Stanley (MS). This unexpected link has unfurled like a Tesla Roadster hurtling into the vast expanse of cyberspace, leaving even the most seasoned financial experts befuddled. It seems that the electrifying allure of Elon Musk has transcended from memes and Mars missions to reverberate within the hallowed halls of the stock market.

The statistical rigidity of our findings, with a correlation coefficient of 0.9497254, provides a firm anchor to this whimsical connection, as sturdy as the rockets that propel Musk's ambitions. The r-squared value of 0.9019783 further cements the notion that fluctuations in public interest in Musk explain a significant chunk of the variability in Morgan Stanley's stock price, as if the market itself were dancing to the tune of Musk's unorthodox tweets.

Our study does not just hint at a correlation; it screams it from the proverbial digital rooftops. And with a p-value of less than 0.01, one could argue that the relationship is as statistically significant as Musk's Twitter hiatus. The scatterplot in Figure 1 visually encapsulates this tight bond, demonstrating a coupling as snug as a Cybertruck in a supercharger station.

This astonishing revelation prods us to reevaluate traditional wisdom and dives headfirst into the uncharted waters of internet influence on financial markets. However, let's not overcomplicate matters. The stock market, like Musk's ventures, can be an enigma wrapped in a mystery, but our findings suggest that perhaps, just perhaps, tapping into the boundless energy of

internet fascination may yield insights as valuable as a fully charged Powerwall.

In summation, we assert that no further research is necessary in this area, as delving deeper might necessitate a level of understanding that eludes even the most technologically inclined among us. The electrifying connection between Google searches for Elon Musk and Morgan Stanley's stock price has been illuminated, leaving us to ponder the delightful enigma that is the intersection of internet intrigue and stock market movements.