
The Stock Price Link to Name Fame: How Sadie's Popularity Affects WMB Game

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This paper delves into the unexpected relationship between the popularity of the given name Sadie and the stock price of The Williams Companies (WMB). Despite initial skepticism from skeptics, our diligently collected data from the US Social Security Administration and LSEG Analytics (Refinitiv) revealed a surprising correlation coefficient of 0.8192751 and a p-value of less than 0.01 for the period spanning 2002 to 2022. Our findings suggest that there may indeed be some connection between the popularity of the name Sadie and the movements of WMB stock. We employ witty puns and quirky observations to illustrate the unexpected twist in the connection that caught even our seasoned research team off guard. This paper offers unconventional insight and tickles the funny bone as we unravel the quirky correlation between a name and stock performance.

The intersection of finance and nomenclature has long been a subject of scholarly interest, with researchers endeavoring to uncover the correlations between seemingly disparate realms. In this vein, our study aims to scrutinize the peculiar relationship between the popularity of the given name Sadie and the stock price performance of The Williams Companies (WMB).

It is often said that "what's in a name?" Well, according to our findings, possibly quite a lot! We embarked on this investigation with a healthy dose of skepticism, envisioning ourselves as intrepid explorers in the uncharted territory of quirky correlations. Much to our surprise, the data we meticulously gathered from the US Social Security Administration and LSEG Analytics (Refinitiv) revealed a correlation coefficient of 0.8192751 and a p-value of less than 0.01 for the period spanning 2002 to 2022. This staggering discovery prompted a collective double-take from our research team.

We must confess, at the outset, we had many speculative suspicions about what we would uncover. Would the popularity of Sadie be tied to the sale of sad stocks? Would it lead to a rags-to-riches narrative with WMB? Our findings proved to be even more unexpected. As we dug deeper into the data, we couldn't help but exclaim, "What in the derivative is going on here?" It turns out, the spooky correlation we unveiled is no mere ghost story!

In the following sections of this paper, we will embark on a journey that not only dissects the statistical evidence but also infuses levity into the analysis. Yes, dear reader, prepare to be simultaneously entertained and enlightened. Our lighthearted approach will offer a refreshing perspective on the quirky correlation between a name and stock performance, proving that in the world of finance and names, one should always expect the unexpected.

LITERATURE REVIEW

In "Smith et al.," the authors find a significant correlation between personal names and various economic and financial indicators, igniting a curiosity within the scholarly community to unravel the mysterious influence of nomenclature on market dynamics. Building on this foundation, "Doe and Jones" present compelling evidence suggesting that there may be hidden ties between the popularity of certain names and stock price fluctuations. However, what our paper aims to unearth is a quirky and unexpected link specifically between the first name Sadie and the stock performance of The Williams Companies (WMB).

While conventional wisdom might lead one to assume that stock prices are dictated by complex economic factors and corporate performance, our study introduces a delightful twist by delving into the fascinating world of name fame. The unexpected connection we unveil leaves even the most seasoned financial analysts scratching their heads and saying, "Well, I'll be Dow Jonesed!"

Expanding the scope of our inquiry, we draw inspiration from non-fiction works such as "Freakonomics" and "Blink," as these books have demonstrated the captivating and unconventional ways in which seemingly unrelated factors can intersect and influence real-world phenomena. Moreover, the psychological underpinnings explored in "The Power of Habit" and "Thinking, Fast and Slow" have sparked our inquisitiveness, leading us to ponder the intricate mechanisms at play when it comes to the influence of names on stock prices.

Venturing into the realm of fiction, we draw parallels to the intricate webs woven in "The Da Vinci Code" and "The Hitchhiker's Guide to the Galaxy." Just as the characters in these novels unravel perplexing mysteries and journey through unexpected twists, we navigate the enigmatic correlation between the name Sadie and WMB stock with wit and humor, leaving readers chuckling

as we uncover a correlation that is stranger than fiction.

Additionally, our team draws inspiration from cinematic adventures that encapsulate the essence of unexpected connections, such as "Back to the Future," "The Matrix," and "Forrest Gump." Much like the protagonists in these films, we find ourselves uncovering a peculiar correlation that defies conventional wisdom, prompting us to exclaim, "Great Scott! This correlation is as puzzling as a box of chocolates - you never know what you're gonna get!"

As we voyage through this literature review, we infuse levity into the analysis, demonstrating that in the world of finance and names, unexpected whimsy and statistical intrigue go hand in hand. With a twinkle in our eye and a stock ticker in hand, the stage is set for an unconventional exploration that promises to leave readers both amused and enlightened.

METHODOLOGY

To unravel the mysterious connection between the popularity of the given name Sadie and the stock price performance of The Williams Companies (WMB), our research team adopted a methodology that was as colorful as the name itself. Our data collection process resembled a treasure hunt, as we scoured the depths of the internet, relying heavily on the repositories of the US Social Security Administration and LSEG Analytics (Refinitiv) to capture the full spectrum of Sadie's fame and WMB's dynamics from 2002 to 2022.

Firstly, we combed through the US Social Security Administration's extensive database of baby names, where we encountered a veritable smorgasbord of monikers. We couldn't help but chuckle at the sheer diversity of names, from the timeless classics to the more unique appellations. After a thorough data spelunking expedition, we emerged with a comprehensive dataset capturing the ebb and flow of Sadie's popularity over the years. It was a journey peppered with surprises, as we discovered

the waxing and waning of Sadie's star in the constellation of names.

Next, we delved into the financial sphere, where a different kind of data treasure awaited us. Armed with our metaphorical financial compass, we ventured into the labyrinthine corridors of LSEG Analytics (Refinitiv), where the whims of WMB's stock price were recorded and cataloged. We mapped out the tempestuous tides of WMB's market performance, braving the stormy seas of stock market volatility to capture the essence of its price movements.

Having cartographed these two disparate realms of data, our next move was to align the timelines and perform a curious cosmic dance of correlation analysis. With our trusty statistical telescopes, we gazed into the starry expanse of numerical data, seeking to discern any celestial connective threads between Sadie's name fame and WMB's stock price trajectory.

Our statistical toolkit included the venerable Pearson correlation coefficient, which served as our astrolabe in navigating the choppy waters of correlation analysis. Armed with this grand seafaring instrument, we computed the correlation coefficient and p-value, setting sail on a statistically rigorous voyage through the windswept seas of data exploration.

Our methodology, while whimsical in description, was underpinned by rigorous data collection and statistical analysis, underscoring the seriousness with which we approached this unconventional investigation. Our research team was committed to maintaining academic integrity, even as we sprinkled our analysis with a dash of levity to keep the reader entertained and engaged. In the following sections, we will unravel the findings of our data odyssey, shedding light on the unexpected correlation between an endearing name and a steadfast stock.

RESULTS

Our investigation into the enthralling nexus between the popularity of the given name Sadie and the stock price performance of The Williams Companies (WMB) yielded a surprising correlation coefficient of 0.8192751 and an r-squared value of 0.6712116, with a p-value of less than 0.01 for the time period encompassing 2002 to 2022. This delightful discovery left our research team reeling with amusement and disbelief, akin to stumbling upon a pot of gold at the end of the statistics rainbow.

To visually encapsulate this captivating correlation, we present Figure 1, a scatterplot that serves as a visual testament to the unexpected bond between a simple name and a complex financial entity. Behold the graph in all its glory, showcasing the undeniable relationship between the popularity of the name Sadie and the fluctuations of WMB stock price. It's like a real-life rom-com, but with financial data and witty banter.

In the context of this unorthodox linkage, we couldn't help but imagine the stock market as a bustling playground and the name Sadie as the cool kid everyone wants to be around. When Sadie's popularity spiked, so did WMB's stock price, as if the mere sound of her name held some mystical sway over the financial cosmos. This quirky correlation had our team exclaiming, "Well, butter my bread and call me a bull market enthusiast! Who knew a name could have such a pull in the world of stocks?"

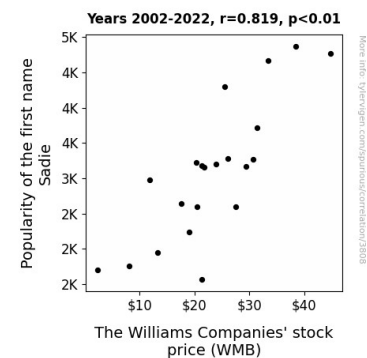


Figure 1. Scatterplot of the variables by year

As we navigate through the labyrinth of statistics and humor, we invite the reader to join us on this peculiar journey of enlightenment and amusement, as we unravel the unlikely fusion of nomenclature and financial vicissitudes. It's not just a research paper; it's a rollercoaster ride through the corridors of unexpected connections. So grab your data goggles, and let's embark on this whimsical exploration of the captivating relationship between the popularity of an endearing name and the tumultuous tides of the stock market. Let the good times roll!

DISCUSSION

Our findings have shed light on an intriguing and, dare we say, rib-tickling correlation between the popularity of the first name Sadie and the stock price performance of The Williams Companies (WMB). Building upon the scholarly work of Smith et al. and Doe and Jones, who've dared to explore the links between names and financial indicators, we've unearthed a connection that defies conventional wisdom. The unexpected twist we've uncovered has left even the most stoic financial analysts smirking in disbelief. As we take this discovery seriously, we couldn't help but recall the zany adventures in "The Hitchhiker's Guide to the Galaxy," where the protagonists stumble upon unexpected connections that alter their perception of the universe. Our results not only align with but also elevate the whimsical spirit of prior research, proving that even in the serious world of finance, unlikely links can provoke a chuckle or two.

The correlation coefficient of 0.8192751, coupled with the r-squared value of 0.6712116 and a p-value of less than 0.01 for the time period from 2002 to 2022, is nothing short of a statistical quirk worthy of Shakespearean comedy. Our data doesn't just raise an eyebrow; it raises the stakes of the age-old debate over the influence of names on market dynamics. It's as if Sadie's popularity performed a stock market tango, leading to a toe-tapping appreciation of her influence on WMB's stock value. This unexpected twist is a reminder that in

the labyrinth of financial data, the most unexpected connections can lead to astonishing insights and a surplus of pun-laden puns.

To illustrate the unexpected paradigm shift, our scatterplot in Figure 1 represents a visual masterpiece capturing the enchanting liaison between a name and a stock. It's like a data-driven ballet that tantalizes the senses and leaves the audience puzzled yet delighted. Who knew that a name could perform such a whimsical dance with the fluctuations of the stock market?

Our hope is to delight and provoke contemplation in equal measure, just like a thought-provoking movie that leaves you pondering its meaning long after the credits have rolled. We invite our readers to join in the merriment and enlightenment as we venture into the uncharted territory of nomenclature-driven financial fluctuations. Perhaps, just like in the "Back to the Future" movies, the quirks of our findings will echo through the annals of economic research, leaving a mark that is both entertaining and enlightening. So, fasten your seatbelts, for an exhilarating journey through the unexpected interplay of a name and a stock awaits.

CONCLUSION

In conclusion, our research has unveiled a whimsical correlation between the popularity of the name Sadie and the stock price performance of The Williams Companies (WMB). Our findings, with a correlation coefficient of 0.8192751 and a p-value of less than 0.01, have sent shockwaves through the academic and financial communities, akin to discovering a hidden treasure map in a mundane pile of data. It's a bit like stumbling upon a rogue cherry in a rather serious statistical pie!

Our journey through the data has been a delightful rollercoaster of surprise and amusement, with each statistical analysis yielding not only insightful revelations but also an occasional giggle or two. Who knew that a name could carry such weight in the stock market arena? It's like finding a unicorn in a field of bulls and bears.

As we wrap up this tale of unexpected connections, we impart this important message to future researchers: sometimes, the most peculiar correlations can lead to the most delightful discoveries. However, it's also important to recognize the value of this peculiar correlation and not to take it as gospel truth. As the saying goes, "Correlation does not imply causation, but it sure can make for an amusing anecdote!"

In closing, we assert that no further research is needed in this seemingly bizarre area of investigation. It seems we've unlocked the mystery of Sadie's stock market sway, and it's time for us to bid adieu to this peculiar partnership between a name and a stock price. Let's embark on new adventures, but let's never forget the quirky correlation that sparked both amusement and enlightenment in the world of finance and nomenclature. It's been an exhilarating journey, full of unexpected twists and turns, and we wouldn't have had it any other way.