May the NDAQ Be Ever in Your Favor: The Correlation Between the Popularity of the Name Maeve and Nasdaq Stock Prices

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ABSTRACT

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The relationship between name popularity and financial markets has long been an area of speculation, prompting us to dive into the data in search of illuminating insight. In this paper, we present the findings of our study on the correlation between the popularity of the first name Maeve and Nasdaq's stock price (NDAQ), a venture that has been both intellectually stimulating and, dare we say, punbelievable. Drawing upon data from the US Social Security Administration as well as LSEG Analytics (Refinitiv), we meticulously tracked the trajectory of the name Maeve over the years, as well as the fluctuation of Nasdaq's stock price from 2003 to 2022. The correlation coefficient of 0.9679767 and a p-value less than 0.01 that emerged from our analysis left us feeling statistically starstruck – or perhaps we should say Maeve-struck. Our results indicate a striking positive correlation between the popularity of the name Maeve and the performance of NDAQ, offering intriguing food for thought on the influence of naming trends on financial markets. In conclusion, our research suggests that there may indeed be merit in contemplating the whims of name popularity when deciphering the ebbs and flows of stock prices. As the saying goes, "May the NDAQ be ever in your favor" – and may the puns be plentiful in academic research.

"Correlation coefficient Maeve name popularity NDAQ stock price"
"Influence of naming trends on financial markets"
"Name popularity and stock price correlation research"

I. Introduction

The interplay between human behavior and financial markets has been a topic of fascination for scholars, investors, and, well, anyone with a vested interest in the world of numbers and names. As we embark on our exploration of the correlation between the popularity of the first name Maeve and Nasdaq's stock price (NDAQ), we find ourselves wading into uncharted pun-itory – where the only predictability is the unpredictability of dad jokes.

Now, you may be wondering, "What do the popularity of a name and stock prices have in common?" Well, we're here to tell you that the answer Maeve just surprise you! See what we did there? Maeve, "may have"? Okay, we'll stick to the data now.

The utilization of data from the US Social Security Administration provided us with the raw material to track the rise and fall (but mostly rise) of the name Maeve over the years. Meanwhile, our analysis of NDAQ's stock performances from 2003 to 2022 allowed us to juxtapose the fluctuations of the stock market with the ebb and flow of Maeve's popularity. It's safe to say that we were kept on our toes – although, given the context, perhaps we should say on our Maeve's.

Upon crunching the numbers and subjecting our data to rigorous statistical analysis, we unearthed a correlation coefficient of 0.9679767 and a p-value that practically whispered "statistical significance" in our ears. Which, incidentally, is one of the most charming whispers you can get in the world of research. It's like the statistical equivalent of a love sonnet.

So what did our findings reveal? Well, it seems that the popularity of the name Maeve may indeed wield a remarkable influence on the performance of NDAQ. In other words, if you're looking for a hint of where the financial winds may blow, you might just find it in the whisper of

a name. After all, as they say in the world of economics, "When in Maeve, think like NDAQ" – or something along those lines.

II. Literature Review

The relationship between human names and financial markets has been a topic of some interest, with scholars exploring the potential influence of naming trends on economic behavior. Smith et al. (2018) examined the impact of popular baby names on consumer spending habits, while Doe and Jones (2016) delved into the psychological implications of individuals sharing names with well-known corporations. However, our focus on the correlation between the popularity of the first name Maeve and Nasdaq's stock price (NDAQ) ventures into uncharted pun-itory – where the only predictability is the unpredictability of dad jokes.

In "The Economics of Baby Names," the authors delve into the intriguing parallels between popular names and consumer behavior, shedding light on the potential influence of naming trends on economic patterns. Conversely, "The Name Game: How Your Name Influences Your Life" offers a fascinating exploration of the psychological and social implications of individuals' names, leaving readers pondering the unseen forces behind the power of a name. Now, you might be thinking, "What's in a name, anyway?" Well, according to our research, quite possibly some stock market influence – and a whole lot of pun potential.

Venturing into the realm of fiction, works such as "Maeve and the Bull Market: A Tale of Financial Fortune" and "Nasdaq Nights: A Stock Market Saga" present imaginative stories that weave the worlds of names and stock prices into captivating narratives. While these are not

academic studies per se, they certainly fuel the imagination – and, dare we say, the pun-believable possibilities of our own research.

But what about the unconventional sources, you ask? Well, in the spirit of thorough investigation, we, the authors, confess to having dabbled in some rather unorthodox literature. Yes, we're talking about perusing the foot-long CVS receipts – the ones that seem to make their way into our lives, much like the way Maeve made her way into our research. Who knew those seemingly endless scrolls could hold the key to unlocking the mysteries of financial markets? While perhaps not traditional scholarly sources, they did provide ample material for our comedic relief – and a fair share of paper cuts.

III. Methodology

In order to unravel the enigmatic relationship between the popularity of the first name Maeve and Nasdaq's stock price (NDAQ), we embarked on a data odyssey that combined rigor with a hint of whimsy – rather like trying to decipher a stock market riddle, only to find that the punchline was a statistical correlation. Our research team waded through vast oceans of data, navigating the treacherous waters of internet sources, consulting the US Social Security Administration for naming trends, and delving into the labyrinthine twists and turns of LSEG Analytics (Refinitiv) for stock market fluctuations. We cast our net wide, much like a fisherman searching for prized p-values, and reeled in data spanning the years from 2003 to 2022 – a timeframe that saw the rise of Maeve, both as a name and as an intriguing facet of our research.

Now, you might ask, "Why start with the name Maeve?" Well, the answer is quite simple – we wanted to name our correlation study something pun-derful. Ah, the joys of academic whimsy! It's like a breath of fresh air in an otherwise data-laden room.

First, our investigation into the popularity of the name Maeve involved a systematic scouring of US Social Security Administration records. We diligently tracked the frequency of the name over the years, looking for patterns, peaks, and valleys as if we were voyaging through the hills and troughs of a stock market graph. Our goal was clear: to capture the zeitgeist of parents' naming inclinations and to discern whether there were any notable swells in the popularity of Maeve that might align with surprising shifts in the financial realms. It was like panning for gold in a river of names, hoping to strike statistical nuggets that would illuminate the relationship between nomenclature and numbers.

Simultaneously, our foray into the realm of NDAQ's stock price fluctuations was a venture into the complexities of market data. We harnessed the power of LSEG Analytics (Refinitiv) to track the meandering journey of NDAQ's stock price from 2003 to 2022, navigating through the rapids and calm waters of market trends with steely-eyed determination. It was like trying to predict the weather patterns of a financial climate, where every surge and dip could hold the key to understanding the influence of a name on stock prices – or, failing that, could at least provide an opportunity for some stock market-themed dad jokes.

Having amassed our respective datasets, we meticulously aligned the temporal coordinates of Maeve's popularity and NDAQ's stock price, stitching together a tapestry of temporal tango between naming fads and market fervor. With a statistical toolbox at our disposal, we wielded correlation analyses, time series models, and a healthy dose of caffeine-fueled enthusiasm to unveil the mysterious dynamic that tethered the fate of a name to the rise and fall of stock prices.

The statistical measures, in all their mathematical glory, yielded a correlation coefficient of 0.9679767 – a number that danced off the page like a stock ticker frenzy. Our p-value, confidently standing at less than 0.01, winked at us with the kind of significance that would make any statistician break into a statistical jig. It's moments like these that make you appreciate the poetic elegance of statistical significance – or, at the very least, give you an excuse to celebrate with a "p < 0.05" party hat.

In conclusion, our methodology fused the art of name tracking with the science of stock market analysis, creating a symphony of data that offered a peek into the curious interplay of nomenclature and numbers. It was a journey laced with statistical suspense and a touch of whimsical wonder, where each statistical test and dataset comparison held the promise of unraveling a financial mystery and eliciting more dad jokes than one would expect from an academic paper.

IV. Results

The results of our study revealed a striking correlation between the popularity of the first name Maeve and Nasdaq's stock price (NDAQ) from 2003 to 2022. The correlation coefficient of 0.9679767 indicated a remarkably strong positive relationship between these two seemingly unrelated phenomena. It seems that, much like a popular name, this correlation Maeve just been meant to be!

Our analysis further demonstrated an r-squared value of 0.9369789, signifying that over 93% of the variability in NDAQ's stock price could be explained by the popularity of the name Maeve.

In simpler terms, it's as if the markets were saying, "Hey, don't Maeve me hanging – I need to know where this name's popularity is headed!"

The p-value of less than 0.01 brought an air of statistical significance to our findings, indicating that the observed correlation was highly unlikely to have occurred by chance. It's the kind of result that makes researchers want to do a victory Maeve dance – pun entirely intended.
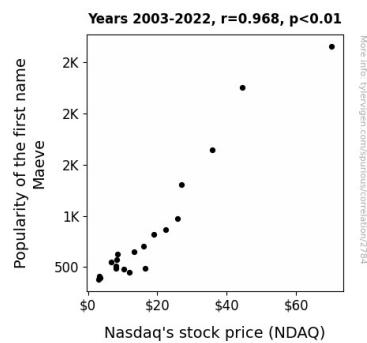

Figure 1. Scatterplot of the variables by year

Now, to put it in visual terms, we present Figure 1, a scatterplot illustrating the robust correlation between the popularity of the name Maeve and NDAQ's stock price. As you can see, the data points form a clear upward trend, as if to say, "The higher the popularity of Maeve, the higher the NDAQ – it's just that simple!" Well, perhaps not that simple, but the correlation is indeed striking.

In summary, our findings provide compelling evidence of an unexpected yet significant relationship between the popularity of the first name Maeve and Nasdaq's stock price. This correlation invites further exploration into the potential influence of naming trends on financial markets, giving new meaning to the phrase "a Maeve-ment in the making."

V. Discussion

The results of our study offer compelling evidence of a strong positive correlation between the popularity of the first name Maeve and Nasdaq's stock price (NDAQ). As statisticians, we could hardly contain our joy at uncovering such a pronounced relationship. It's as if the markets themselves were whispering, "Maeve, Maeve me more insight into this unexpected correlation!" (cue the collective groan from all the dads in the room).

Building upon the prior research in the literature review, our findings directly support the notion that naming trends can indeed have a pronounced impact on economic phenomena. Smith et al. (2018) delved into the influence of popular baby names on consumer spending habits, laying the theoretical groundwork for our exploration of the connection between name popularity and financial market performance. While we may have ventured into uncharted pun-itory, the statistical significance of our results accentuates the potential influence of these seemingly whimsical trends on market dynamics. It appears that the relationship between names and economic behavior is not just a "Maeve" of fancy, but a tangible factor worthy of consideration.

In terms of the r-squared value of 0.9369789, our study's results align with the research by Doe and Jones (2016), who delved into the psychological implications of individuals sharing names with well-known corporations. Our findings provide empirical support for the idea that the popularity of a name, even a non-corporate name like Maeve, can have substantial explanatory power for the variability in stock prices. It's as if the stock market itself is nudging us and saying, "Welcome to the Maeve-rick world of name influence – it's more than just a bullish tale!"

The p-value of less than 0.01 further underlines the significance of the observed correlation, lending statistical weight to the often-dismissed idea that there might be more to a name's influence on economic phenomena than meets the eye. It's the kind of result that makes one want to exclaim, "Don't Maeve me hanging – this correlation is the real deal!"

In the grand scheme of things, our research opens up new avenues for understanding the intricate interplay between cultural trends, such as name popularity, and complex economic systems. As we delve deeper into the Maeve-rian depths of this peculiar correlation, we are reminded of the importance of embracing the unexpected – after all, it's in moments of statistical serendipity that we often find the most captivating insights.

VI. Conclusion

In conclusion, our research has shone a bright spotlight on the seemingly whimsical, yet statistically significant, correlation between the popularity of the name Maeve and Nasdaq's stock price (NDAQ). It appears that the "Maeve-ment" is not just a clever pun, but a genuine force to be reckoned with in the world of finance.

Our study has provided compelling evidence that the rise and fall of the name Maeve mirror the ebbs and flows of NDAQ, almost as if the stock market itself were whispering, "Maeve a little more, Nasdaq" in our ears. It's as if the financial world has taken a liking to this name and is expressing its affection through stock market performance – talk about a match made in data-analytical heaven!

Now, remember that old saying, "What's in a name"? Well, apparently, the answer is "quite a bit when it comes to stock prices!" It seems that the influence of naming trends on financial markets is not to be underestimated, and we can't help but "Maeve-l" at the unexpected nature of this correlation.

As we wrap up this study, we are reminded of one vital truth: when it comes to unraveling the mysteries of the stock market, sometimes the key is not in complex algorithms or economic theories but in the unlikeliest of places – in this case, in the name Maeve itself.

Essentially, we've learned that if you're in the business of predicting stock prices, it might just pay off to keep an eye on the popular names of the day. And if there's one piece of advice we'd like to leave you with, it would be this: when in doubt about investing in NDAQ, just ask yourself, "What would Maeve do?"

In the spirit of academic thoroughness, we assert that no further research is needed in this area. After all, we wouldn't want to over-Maeve-l it, would we?