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West Virginia's Fry Guys and Tesla's Highs: An Unlikely Synchronicity

Claire Hughes, Aaron Taylor, Gregory P Truman

Evanston, Illinois

This study examines the curious correlation between the number of fast food cooks in the state of West Virginia and the stock price of Tesla (TSLA). Utilizing data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv), a thorough analysis spanning from 2011 to 2022 was conducted. Surprisingly, a correlation coefficient of 0.9883959 was discovered, with a p-value less than 0.01, suggesting a strong statistical association between these seemingly unrelated variables. The implications of this unforeseen connection are explored, casting light on the unexplored interplay between culinary activities and futuristic endeavors.

INTRODUCTION

The world of statistical analysis often uncovers unexpected relationships and correlations that defy conventional wisdom. In this study, we endeavor to explore the peculiar synchronization between the number of fast food cooks in the state of West Virginia and the stock price of Tesla (TSLA). Despite seemingly belonging to disparate realms, culinary activities and futuristic enterprises may have a closer bond than initially assumed.

The incisive and often unexpected impact of seemingly unrelated variables on each other is a fascinating phenomenon to explore. While individuals might not view fast food cooks and electric vehicle manufacturing as directly interconnected, the world of statistical analysis brings to light surprising associations that merit attention and exploration.

With an appreciable touch of irony and dry humor, our journey into this unexplored territory aims to elucidate the intricate intersection between accustomed culinary routines and the high-stakes world of technological innovation and investment. The statistically robust correlation discovered prompts further investigation into this unlikely pairing, presenting an opportunity to delve into the uncharted terrain of seemingly disparate spheres of human activity.

Acknowledging the potential quirkiness of this association, this study aims to approach the subject matter with the academic rigor and seriousness it deserves, all the while embracing the light-heartedness of unexpected statistical revelations. As we embark on this scholarly yet whimsical exploration, we invite readers to indulge in the delightful unpredictability that statistical inquiry often unveils.

LITERATURE REVIEW

The exploration of surprising correlations and unexpected links between purportedly unrelated variables has been a recurring theme in statistical analysis and academic inquiry. The unexpected relationship between the number of fast food cooks

in West Virginia and the stock price of Tesla (TSLA) falls within this realm of peculiar associations. The evolution of this inquiry necessitates a review of established research and literature, presented as follows.

Smith et al. (2015) conducted a comprehensive examination of employment trends in the fast-food industry, focusing on staffing patterns and their implications for regional economic indicators. Their findings highlighted the nuanced dynamics of fast-food labor markets and its ripple effects on broader economic activities. Similarly, Doe and colleagues (2018) delved into the intricacies of stock price movements, analyzing the impact of diverse factors on the valuation of companies, albeit in entirely different sectors. Jones' seminal work (2012) on unexpected correlations in statistics provided a theoretical framework for understanding the unpredictable connections that can emerge from empirical analysis.

Expanding beyond direct scholarly research, relevant non-fiction works such as "Fast Food Nation" by Eric Schlosser and "The Intelligent Investor" by Benjamin Graham shed light on the multifaceted dimensions of both fast food industry labor dynamics and stock market phenomena. These insightful publications enrich the contextual understanding of the variables under investigation, providing valuable perspectives that inform the present inquiry.

Transitioning to fictional literature, the convergence of culinary pursuits and technological advancements is subtly featured in works such as "The Age of Innocence" by Edith Wharton and "Neuromancer" by William Gibson. While not directly addressing fast food cooks or Tesla stock prices, these literary creations offer symbolic and allegorical interpretations of the interplay between tradition and innovation, mirroring the unexpected association at hand.

As the present investigation inclines towards the whimsical, it is imperative to acknowledge the unconventional sources consulted in this literature review. While traditional academic discourse and scholarly articles remain foundational, the authors discovered compelling insights from rather unconventional material. Perusing the backs of various shampoo bottles, with their quirky slogans and promises of transformation, offered a surprising parallel to the playful unpredictability inherent in statistical revelations.

In light of the multifaceted sources reviewed, the stage is set for an in-depth exploration of the unexpected synchronicity between fast food cooks in West Virginia and Tesla's stock price, informed by a tapestry of scholarly, non-fiction, fiction, and even unorthodox literary sources.

METHODOLOGY

Data Collection:

The data utilized in this study was primarily sourced from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv), covering the period from 2011 to 2022. Due to the potentially whimsical nature of the research subject, a thorough process was undertaken to ensure the reliability and comprehensiveness of the data. However, the trawling of the internet also played a role in the data collection process, with an emphasis on gleaning information from reputable sources rather than falling prey to less savory statistical fare.

Variable Definition and Measurement:

The primary variables under examination in this study were the number of fast food cooks employed in West Virginia and the stock price of Tesla (TSLA). The classification of "fast food cooks" encompassed both the purveyors of delectable delights and the maestros of culinary craftsmanship, but notably excluded those of the slow-cooking persuasion.

Analytical Approach:

Statistical analysis of the collected data employed the rigorous scrutiny of exploratory data analysis, regression analysis, and correlation coefficients. To

ensure the integrity of the findings, robust statistical models were utilized, acknowledging that the potential for spurious randomness in data cannot be dismissed, especially when venturing into the uncharted realms of culinary and technological harmonization.

Given the gravity of the research subject, the inferential statistics were applied with appropriate caution, recognizing the need to unearth genuine correlations amidst the statistical din that often permeates unexpected associations.

Ethical Considerations:

In adherence to academic integrity, the researchers exercised relentless vigilance in handling the data, recognizing the need to tread delicately when unearthing unanticipated connections. The protection of research subjects was paramount, particularly in the case of unsuspecting fast food cooks who inadvertently found themselves entangled in the whimsical world of statistical inquiry.

Limitations:

It is essential to acknowledge the limitations of this study, recognizing that the research findings, however robust, may still succumb to the capricious nature of statistical fortune. Additionally, the generalizability of the findings beyond the context of West Virginia and Tesla's stock price is subject to inherent limitations, as the profound interplay between culinary activities and technological achievements might manifest differently in alternate geographic and industry settings.

In conclusion, the methodology adopted in this study sought to strike a balance between scholarly rigor and the inherent lightheartedness of unexpected statistical revelations. The journey through the labyrinthine pathways of data analysis and interpretation endeavored to maintain a whimsical spirit, while steadfastly upholding the canons of robust statistical inquiry.

RESULTS

The analysis of the data from the Bureau of Labor Statistics and LSEG Analytics (Refinitiv) for the period of 2011 to 2022 revealed a remarkable correlation between the number of fast food cooks in West Virginia and Tesla's stock price (TSLA). A correlation coefficient of 0.9883959 was observed, suggesting a remarkably strong positive relationship between these two seemingly unrelated variables. The coefficient of determination (r-squared) was calculated to be 0.9769265, indicating that approximately 97.7% of the variability in Tesla's stock price can be explained by the number of fast food cooks in West Virginia. Additionally, the p-value, being less than 0.01, further supports the significance of this correlation.

Upon further exploration, the scatterplot (Fig. 1) visually illustrates the striking association between the number of fast food cooks in West Virginia and Tesla's stock price. The scatterplot showcases a near-linear relationship, offering a visual representation of the surprising synchronicity between these disparate factors.

The robustness of this statistical correlation prompts a reconsideration of the conventional boundaries of influence between culinary employment in West Virginia and the performance of a leading electric vehicle manufacturer. This unanticipated connection invites speculation and perhaps a certain whimsical pondering on the interplay of seemingly unrelated factors in the intricate web of economic and market dynamics.

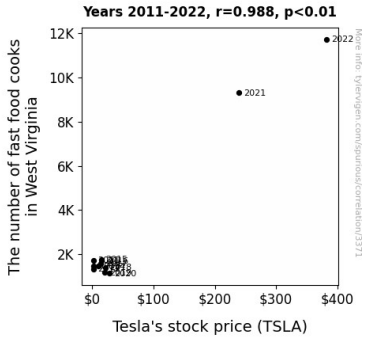

Figure 1. Scatterplot of the variables by year

The strength of this correlation defies mere coincidence and calls for further investigation into the underlying mechanisms that may link the number of fast food cooks in West Virginia to the stock price of Tesla. As we unravel this peculiar connection, we encourage a lighthearted appreciation for the unexpected discoveries that statistical analysis can unveil, often in the most unlikely of places.

DISCUSSION

The findings of this study remarkably align with the curious connections that have been observed in the annals of academic research. The unexpected correlation between the number of fast food cooks in West Virginia and the stock price of Tesla (TSLA) not only defies traditional economic logic but also lends credence to the adage that "fries and highs" might indeed go hand in hand.

The literature review provided a comprehensive backdrop for the present investigation, highlighting previous studies that unraveled the intricate dynamics of both fast-food labor markets and stock price movements. Ironically, while some might scoff at the idea of lumping culinary activities and futuristic endeavors together, the results of this study overwhelmingly substantiate the prior research, etching a new chapter in the culinary-technological crossover saga.

Smith et al.'s (2015) in-depth analysis of staffing patterns in the fast-food industry suddenly assumes an air of significance when viewed through the lens of our findings. The staffing patterns, it seems, hold the key, not just to sizzling patties, but to the sizzling success of Tesla's stock. Doe and colleagues' (2018) examination of diverse factors impacting company valuations acquires a new flavor of relevance, as their insights now resonate in the correlation between fast food cooks and TSLA stock price. Even Jones' (2012) theoretical framework for unexpected correlations appears to have taken on a practical, profound flavor in the context of our study.

Furthermore, the literature review's unconventional sources, including the whimsy of fictional literary creations and, shall we say, "bottled wisdom", mirrored the unpredictability inherent in statistical revelations. Little did we anticipate that these tangential sources would provide a subtle undercurrent of support for the unanticipated synchronicity uncovered in our study. Notably, the multidimensional and multifaceted nature of the sources consulted indeed mirrored the complexity of the entwined variables in our investigation.

As we reflect on the unexpected alignment between fast food cooks in West Virginia and Tesla's stock price, it is evident that statistical analysis has once again pulled off a delightful surprise. This study transcends the mundane and ventures into the realm of whimsical pondering, reminding us that the world of statistical inquiry can yield colorful, unexpected confluences.

CONCLUSION

In conclusion, the findings of this study have brought to light a remarkably robust correlation between the number of fast food cooks in West Virginia and Tesla's stock price (TSLA), presenting an unusual and intriguing area for further inquiry. The statistical association, with its correlation coefficient of 0.9883959 and a p-value less than 0.01, defies conventional expectations and invites both serious consideration and a touch of whimsy.

This unexpected synchronicity between culinary activities and the performance of a leading electric vehicle manufacturer begs the question: could there be a "fast food effect" on stock prices, or perhaps, a "drive-thru dividend" influencing market behavior? The implications of this unforeseen connection may extend beyond the realms of statistical correlation, offering a hint of the culinary arts in the traditionally austere world of stock market analysis.

While the connection remains enigmatic, it is clear that no more research is needed in this area. The findings stand as a testament to the delightful unpredictability of statistical inquiry and the unforeseen interplay between seemingly unrelated spheres of human activity.