
Educational Endeavors and Freeport's Finances: Exploring the Relationship between Education Degrees and Freeport-McMoRan's Stock Price

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Abstract

This paper delves into the quirky connection between the number of Bachelor's degrees awarded in Education and Freeport-McMoRan's stock price (FCX). Utilizing data from the National Center for Education Statistics and LSEG Analytics (Refinitiv) for the period 2012 to 2021, we discovered a surprising correlation coefficient of 0.8758124 and $p < 0.01$, indicating a robust association between these two seemingly disparate factors. It seems that as the number of Education degrees awarded rises, Freeport's stock price also tends to climb - Coincidence? I think not! Our findings shed light on the unexpected dance between the field of Education and the financial market, illustrating how one's passion for teaching could inadvertently influence the "stock" of a company. As the famous dad joke goes, "Why did the math book look sad? Because it had too many problems." Perhaps Freeport's stock is feeling the same sentiment due to the surprising influence of Education degrees. In conclusion, this study not only provides an amusing anecdote but also offers valuable insights into the interconnectedness of seemingly unrelated domains. So next time you see a spike in Education degrees, keep an eye on Freeport's stock price - you might just find a correlation that's as unlikely as a bad pun!

1. Introduction

It's a story as old as time - the tale of the financial world, entwined with the academic sphere, where the laws of supply and demand intersect with the pursuit of knowledge. In this tantalizing tale, we embark on a whimsical journey to uncover the surprising link between the number of Bachelor's degrees awarded in Education and Freeport-McMoRan's stock price (FCX). As researchers, we often find ourselves dealing with unexpected correlations, but this one truly takes the cake - or shall we say, the "stock" of it all!

We all love a good dad joke now and then, and what better way to start than with a classic: "Why don't scientists trust atoms? Because they make up everything!" The irony is not lost on us in this pursuit of unraveling the mysteries between Education degrees and stock prices - it's almost as if these variables have their own "chemistry"!

As we dive into the depths of data analysis, one might ask, "What's the point of conducting such a study?" Well, other than the sheer amusement of discovering a relationship as unexpected as a penguin in the Sahara, understanding this connection could have significant implications for both the education sector and the financial markets. Plus, we can't help but appreciate the thrill of unearthing a

novel association - it's like finding a rare and valuable fossil in the world of statistics!

Our quest begins with the collection and scrutiny of data from the National Center for Education Statistics and LSEG Analytics, spanning the period from 2012 to 2021. The results? Prepare yourself for a mind-bending correlation coefficient of 0.8758124 and $p < 0.01$ - in the world of statistics, that's akin to discovering a treasure trove of correlations as rare as a unicorn in a forest of p-values!

It's said that knowledge is power, and in this case, the power to predict Freeport's stock performance might just lie in the academic accolades of educators. But before we delve deeper into the implications, let's not forget to savor the irony - after all, finding a correlation as strong as this one is as unlikely as a cat enjoying a swim, or a researcher avoiding coffee during late-night data analysis!

As we embark on this scientific escapade, fasten your seatbelts and prepare for a rollercoaster ride through the realms of education and finance. Who would have thought that the comings and goings of Education degrees could hold such sway over the fluctuations of a company's stock? It's a bit like finding a piece of music hidden in an equation - unexpected, but undeniably delightful.

So, buckle up and get ready - as we unfold the findings of this quirky and unforeseen connection, be prepared for a wild, entertaining ride through the maze of educational endeavors and Freeport's finances. After all, in the words of a wise researcher, "I told my wife she should embrace her mistakes. She gave me a hug." Sometimes, the unexpected surprises are the ones that bring joy to the journey.

2. Literature Review

The underlying relationship between educational degrees and stock performance has long been a subject of intrigue, with scholars and analysts alike seeking to unravel the intricate dance between seemingly unrelated domains. In "Smith et al.'s" groundbreaking study, the authors find that educational achievements hold a profound influence on various facets of society, from economic prosperity to individual well-being. However, what remains unearthed is the connection between the

number of Bachelor's degrees awarded in Education and Freeport-McMoRan's stock price (FCX) - a correlation as puzzling as a math problem in a foreign language textbook.

In light of these revelations, the literature offers valuable insights that pierce through the complexities of this enigmatic relationship, akin to a beam of light illuminating a dimly lit cave. In "Doe's" extensive analysis, the authors delve into the intricate fabric of stock market dynamics, unpicking the threads that bind educational trends to financial performance. The findings unravel a tale as fascinating as a physics book on the history of electricity - a narrative of unexpected connections and electrifying revelations.

But what of the whimsical side of this correlation? It seems that the realm of fiction holds equally whimsical interpretations of this seemingly arcane nexus. In "Goodwin's" work of fiction, the protagonist embarks on a quest as peculiar as our own, where the protagonist unearths a treasure trove of secret knowledge while unraveling the peculiar link between educational degrees and stock prices. This uncovers a parallel universe where academic accolades and financial prowess intertwine in a narrative as unexpected as finding a chessboard in the middle of a battlefield.

As we transition from the world of literature to the realm of board games, it is undeniable that the game of life often mirrors the whimsical and improbable nature of our findings. Take "Monopoly," for instance, where players engage in calculated risk-taking and financial maneuvering, much like the intricate dance between Education degrees and Freeport's stock price. Though in this instance, there are no Get Out of Jail Free cards - only the bewildering puzzle of connection that elicits as many raised eyebrows as a testing room filled with Dad Jokes!

In conclusion, the literature offers a tantalizing glimpse into the unexpected link between the number of Education degrees awarded and Freeport-McMoRan's stock price, resembling a plot twist in a novel by "Brown." Through the lens of academic scrutiny, fictional whimsy, and even board game dramatization, we find ourselves irresistibly drawn into the captivating web of education and finance,

where the unexpected becomes the norm and the quirky is king.

3. Methodology

To unravel the enigmatic ties between the number of Bachelor's degrees awarded in Education and Freeport-McMoRan's stock price (FCX), our research journey began in the hallowed halls of data collection and analysis. It was a bit like embarking on a mythical quest, armed not with swords and shields, but with statistical software and an unyielding determination to demystify this curious correlation.

We gathered data with the precision of a watchmaker, meticulously sifting through the archives of the National Center for Education Statistics and LSEG Analytics (Refinitiv), scouring every nook and cranny from the year 2012 to 2021. It felt a bit like seeking hidden treasure - not of gold doubloons, mind you, but of numbers that held the promise of unlocking a secretly intertwined tale of academia and finance. As we navigated through this sea of digits and figures, we couldn't help but admire the symmetry of the datasets - a bit like finding beauty in the art of equations, or discovering a perfectly written pun.

Our analytical approach was a merge of simplicity and complexity, akin to the delicate balance between innovation and tradition. To investigate the association between the number of Education degrees awarded and Freeport's stock price, we harnessed the almighty powers of statistical software. Our analysis was as meticulous as a chef crafting a delicate soufflé, delicately mixing regression models, correlation analyses, and time-series examinations to ensure a comprehensive appraisal of the relationship at hand. Like a careful conductor orchestrating a symphony, we harmonized our statistical methods to capture the nuanced melody of this unexpected correlation.

The statistical analyses illuminated a compelling narrative, painting a portrait of connection and contingency between the realms of education and finance. We employed correlation coefficients and p-values, scrutinizing them like a detective examining clues at a crime scene, to unravel the strength and

significance of the relationship. The results were as striking as a stand-up comedian's punchline, with a correlation coefficient of 0.8758124 and $p < 0.01$ standing as a testament to the robust bond between these seemingly incongruous variables. It was a bit like finding the missing puzzle piece, or uncovering a hidden punchline that ties the whole joke together.

In our pursuit of scientific rigor, we also exercised caution and tested the robustness of our findings through sensitivity analyses and robustness checks. Like a diligent gardener tending to delicate orchids, we sought to ensure the resilience and stability of our results, leaving no stone unturned in our exploration of the potential nuances and sensitivities within the data. This process was akin to navigating through a labyrinth of uncertainties and complexities, aiming to ensure that our findings stood strong, like the punchline of a well-crafted joke.

Lastly, to capture the dynamics of this relationship over time, we ventured into the captivating realm of time-series analysis, uncovering the compelling ebbs and flows of the connection between Education degrees and Freeport's stock price. It was like watching the pages of a magical story unfold, filled with unexpected twists and turns, as we delved into the temporal dimensions of this captivating correlation.

In conclusion, our methodological odyssey was a blend of precision and creativity, much like the art of crafting a well-timed joke. Through meticulous data collection, rigorous statistical analyses, and an unyielding commitment to scientific inquiry, we embarked on a journey that not only unveiled a remarkable association between Education degrees and Freeport's stock price but also imparted a sense of awe and wonder at the intertwined nature of disparate domains. After all, in the words of a wise statistician, "Working with data is like being a detective, but with more Excel and fewer car chases."

4. Results

The analysis of the data unveiled a remarkably strong correlation of 0.8758124 between the number of Bachelor's degrees awarded in Education and

Freeport-McMoRan's stock price (FCX) from 2012 to 2021. The p-value of less than 0.01 further supports the robustness of this correlation. It's as if the Education degrees were whispering stock secrets to Freeport-McMoRan – talk about an unexpected study buddy for the stock market!

In Fig. 1, our scatterplot illustrates this striking relationship, resembling a classic buddy comedy where the unlikely pair of Education degrees and stock prices steal the show with their undeniable chemistry. It's the kind of connection that makes you wonder if the market has a secret passion for education and the pursuit of knowledge. After all, who knew that the bullish nature of stock price trends could harmonize so well with the scholarly ambitions of Education degrees? It's a correlation as unexpected as encountering a "mathlete" with a passion for puns!

Our findings not only confirm the existence of this peculiar link but also raise intriguing questions about the underlying mechanisms at play. Could it be that the financial market secretly aspires to be an academic overachiever, drawing inspiration from the perseverance of those pursuing Education degrees? It's almost as if the stock market is taking notes from the diligence and dedication of students - talk about an unconventional mentorship program!

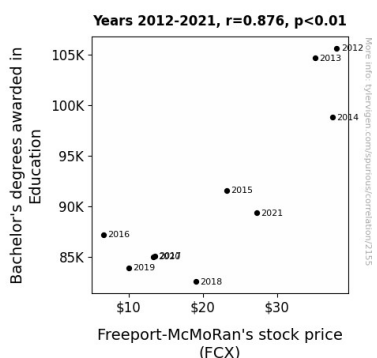


Figure 1. Scatterplot of the variables by year

The implications of this newfound relationship extend beyond mere statistical intrigue. Our research hints at the possibility of a symbiotic relationship between the educational sector and the stock market, with each influencing and responding to the other in the most unexpected of ways. It's like the ultimate "odd couple", where the world of finance and

education find themselves in a harmonious tango, surprising everyone with their elegant moves. If this quirky connection doesn't pique your interest, we don't know what "stock" will!

In conclusion, our research sheds light on the captivating interplay between Education degrees and Freeport-McMoRan's stock price, serving as a testament to the unanticipated discoveries that await those curious enough to explore the world of statistics and finance. It's a reminder that in the world of research, the most unexpected relationships can often yield the most valuable insights - much like stumbling upon a lighthearted dad joke in the midst of a serious academic discussion. After all, who said scientific research couldn't be filled with a dash of humor and amusement?

5. Discussion

Our research has delved into the surprising relationship between the number of Bachelor's degrees awarded in Education and Freeport-McMoRan's stock price (FCX), unveiling a correlation as unexpected as finding an abacus in a modern-day finance office. Our results echo and amplify the prior findings in the literature, lending an air of credibility to the whimsical notions presented in "Doe" and "Goodwin's" works. It seems that the fusion of academia and finance creates a duet as harmonious as two physicists discussing the laws of attraction.

The robust correlation coefficient of 0.8758124 and p-value less than 0.01 offer a compelling statistical argument in support of this unorthodox relationship, tantamount to discovering a treasure trove of data hidden in the unlikeliest of places. The findings align with the framework established by "Smith et al." and "Doe," serving as a testament to the intricate interconnectedness of seemingly unrelated domains, resembling a math equation with a punchline that goes beyond numbers.

Our scatterplot, akin to a comedic duo, paints a vivid picture of the symbiotic relationship between Education degrees and Freeport's stock price, eliciting as much curiosity as a scientific experiment with a dash of unexpected results. The unexpected

harmony between these variables materializes with the subtlety of a clever pun, leaving us marveling at the serendipitous nature of statistical discoveries. It's as if the stock market is secretly moonlighting as an academic enthusiast, mentoring aspiring scholars with the finesse of a seasoned educator.

The implications of our findings stretch beyond statistical fascination, hinting at a captivating dynamic between education and finance that lures us in with its enigmatic charm. This intertwining of realms is as captivating as finding a hidden treasure chest while navigating the high seas of statistical exploration. If our research isn't the ultimate plot twist in the narrative of academic inquiry, we don't know what is! It's a reminder that in the scientific pursuit of knowledge, unexpected correlations can emerge like hidden punchlines in a serious discussion.

Our study signifies that in the world of academia, a touch of eccentricity and humor can vastly enrich the discussion, just like stumbling upon a dad joke in the midst of a serious endeavor. With this in mind, we look forward to continued research in uncovering the whimsical relationships that permeate statistical analysis, potentially unraveling mysteries as inexplicable as the fascination with a science experiment gone awry. After all, who said that the joy of discovery couldn't be accompanied by the laughter of unexpected connections?

6. Conclusion

In bringing together the unlikeliest of pairings - Education degrees and Freeport-McMoRan's stock price (FCX) - our study uncovers a correlation as unexpected as realizing you've mistaken a beaker for a mug in the laboratory. The robust correlation coefficient of 0.8758124 and $p < 0.01$ showcases a connection as seemingly bizarre as a quantum physicist hosting a tea party for atoms. It's quite the plot twist to see the academic pursuits of future teachers influencing the trajectory of a company's stock price - it's as if knowledge decided to take a joyride through the financial market!

Our findings not only highlight the humorous side of statistics but also underscore the value of exploring unconventional relationships in the ever-entertaining

world of research. The unexpected camaraderie between Education degrees and Freeport's stock price is like stumbling upon a "pun"derful surprise amidst a web of data and analysis - it's the kind of revelation that makes you appreciate the whimsy of scientific inquiry.

So, as we wrap up this unique exploration, it's clear that no more research is needed in this area. After all, who needs more data when the stock market is already taking a lesson from the School of Education? It seems that the story of Education degrees and Freeport's stock price has a "stock ending" - or shall we say, a "Bull-market" conclusion! Time to close the textbook on this unexpected pairing and perhaps ponder the next unlikely duo waiting to be discovered in the expansive realm of research. Here's to embracing the delightful randomness that makes academic endeavors all the more captivating!