
Moving the Markets: A Transporting Tale of Bachelor's Degrees and Marvellous Stock Prices

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Abstract

In this study, we delve into the world of transportation and materials moving, seeking to uncover its surprising connection to the fluctuating fortunes of Marvell Technology Group Ltd. stock price (MRVL). With a blend of statistical analysis and financial prowess, we draw on data sources from the National Center for Education Statistics and LSEG Analytics (Refinitiv) to unravel the complex relationship between the number of Bachelor's degrees awarded in transportation and materials moving and the movement of MRVL stock prices from 2012 to 2021. While our findings may initially seem straightforward, a deeper examination reveals a correlation coefficient of 0.9595843, coupled with a striking p-value of less than 0.01. These results not only point to an inextricable link between these seemingly disparate entities but also underscore the profound impact of education on the ebbs and flows of the stock market. It is a tale of motion and progress—where academic pursuits in transportation converge with the winding paths of stock prices, creating a captivating narrative that transcends conventional wisdom. As we reflect on these unexpected findings, it becomes clear that in the realm of economics and education, there is always a journey to be had, complete with unexpected twists and turns. By shedding light on this extraordinary relationship, our research contributes to a deeper understanding of the intricate dance between educational trends and market dynamics—a story that is truly worth the investment of our intellectual curiosity.

1. Introduction

The relationship between education and the stock market has been an area of intrigue for researchers and investors alike. While some may view the pursuit of a Bachelor's degree in transportation and materials moving as a niche academic endeavor, our investigation has unearthed a compelling narrative that intertwines the world of educational attainment with the captivating whims of the stock market.

At first glance, the idea of navigating the volatile stock prices of Marvell Technology Group Ltd. (MRVL) through the lens of transportation may seem like a journey fraught with traffic jams and detours. However, as we delve deeper into this dynamic relationship, we find ourselves on a path where the numbers buckle up for an exhilarating ride, all while donning the occasional data-driven seatbelt as a precaution.

It is amidst this backdrop of academic curiosity and financial intrigue that we turn our attention to the standout correlation between the number of Bachelor's degrees awarded in transportation and materials moving and the movement of MRVL stock prices. As we embark on this scholarly excursion, we are reminded of the age-old query: "What drives the market?" Perhaps, in this case, the answer involves more than just fuel prices and economic indicators—it may very well lie in the foundational knowledge and expertise of those who specialize in moving the very objects that drive economies.

The allure of this connection is not merely a statistical oddity, but rather a symphony of data points choreographed against the backdrop of market fluctuations. This intricate dance between education and stock prices is not unlike the synchronized movements of a finely tuned ballet; each lead and pirouette revealing a unique insight into the inherently waltzing nature of educational pursuits and financial markets.

In the pages that follow, we invite you to join us on a remarkable expedition—a hand-crafted synthesis of academia and financial insight that promises to enlighten, entertain, and perhaps even surprise. While we embark on this odyssey, we must remain mindful of the fact that within the labyrinth of data points and economic undercurrents lies a narrative that is both enlightening and, dare we say, transporting.

2. Literature Review

The relationship between education and stock prices has been a subject of substantial scholarly interest, with studies aiming to untangle the complex web of influences that shape market dynamics. Smith et al. (2018) laid the groundwork for our understanding by examining the correlation between academic degree trends and stock movements, paving the way for further exploration in specialized fields. However, as we venture into the domain of transportation and materials moving, we find ourselves navigating a landscape that is both enlightening and, at times, unexpectedly uproarious.

In "Trends in Educational Attainment and Market Performance," Doe and Jones (2020) shed light on the intertwining trajectories of education and the stock market, framing academic pursuits as potential predictors of market fluctuations. Building on this notion, our investigation delves into the esoteric realm of transportation-related degrees, anchoring our analysis in the National Center for Education Statistics data and the compelling undulations of Marvell Technology Group Ltd. (MRVL) stock prices. As we set sail on this scholarly voyage, it becomes apparent that the intersection of transportation education and market performance is no dry, dusty road—but rather a route replete with

unexpected detours and, dare we say, exhilarating pit stops.

Turning to the more unconventional sources, "Transportation and the Art of Stock Market Navigation" by Lorem and Ipsum (2017) injects a whimsical perspective into an otherwise austere topic, painting a portrait of stock market ebbs and flows against the canvas of transportation expertise. Indeed, the interplay of education and market dynamics may seem like a rollercoaster of statistical analyses and financial acumen, but there is a certain charm in unearthing the surprising correlations that lie beneath the surface.

In exploring the fiction aisle, "Wheels of Fortune: A Tale of Stock Market Serendipity" and "Market Movements on Track: The Locomotive of Educational Patterns" capture the essence of our scholarly quest in their gripping narratives that blur the lines between academic pursuits and financial intrigue. These literary companions serve as a reminder that even in the most unassuming of corners, there exists a rich tapestry of insight waiting to be unfurled—much like the unanticipated flair that the intersection of transportation education and market trends brings to our research.

Furthermore, a brief foray into social media yields tantalizing nuggets of wisdom in the form of user-generated content. Tweets, such as "Who knew a degree in transportation could drive stock prices? 📈 #WhatMovesTheMarket" and Facebook posts rallying behind the notion of transportation education as a market influencer, add a touch of levity to our investigation, reminding us that even in the domain of academia and finance, there exists a playful undercurrent that beckons us to journey into uncharted territories.

As we unpack the layers of this peculiar relationship, it is evident that within the world of educational trends and market machinations, a delightful fusion of intellect and amusement awaits. Our research seeks to not only chart the course of statistical significance but also to embrace the unexpected thrills and quirks that come with uncovering the interplay between Bachelor's degrees in transportation and the magnetic pull of MRVL stock prices. For, in the end, what we uncover may not only inform economic perspectives but also spark a

refreshingly lighthearted conversation amidst the often serious discourse of market analysis.

3. Methodology

To uncover the enigmatic relationship between the confounding worlds of transportation education and stock market fluctuations, our research team embarked on a methodological journey that could be likened to navigating through a labyrinth of data points, armed with statistical prowess and financial acumen.

Data Collection:

We first set our sights on the National Center for Education Statistics, the veritable treasure trove of educational data, where we diligently unearthed the number of Bachelor's degrees awarded in the field of transportation and materials moving from 2012 to 2021. With a certain level of bibliographic omniscience, we cast our net further to encompass the stock price movements of Marvell Technology Group Ltd. (MRVL) during the same period, courtesy of our trusty accomplices at LSEG Analytics (Refinitiv).

Cleansing and Correlation:

Having amassed our stellar data ensemble, we hunkered down to engage in a purification ritual—a regimen of data wrangling and cleansing that rivalled the meticulous artistry of a master sommelier aerating a fine vintage. Our commitment to ensuring data robustness was unwavering, for we understand that the purity of our datasets is as vital to our analysis as the crispness of a freshly starched lab coat.

Through the application of custom-coded algorithms and statistical software, we forged ahead, weaving the data strands from both domains into a tapestry of correlation analysis that would make even the most stoic of statisticians nod in quiet approval. We scrutinized the relationship between the number of Bachelor's degrees awarded in transportation and materials moving and the undulating trajectory of MRVL stock prices, employing a series of correlation coefficients and goodness-of-fit measures to tease out the threads of connection amidst the labyrinth of digits and decimals.

Validation and Sensitivity Analysis:

However, recognizing the capricious nature of statistical dalliance, we subjected our findings to a battery of validation tests and sensitivity analyses, akin to determining whether a prized instrument in a symphony remains harmoniously tuned amidst the clamor of an orchestra. We probed and prodded our results, ensuring that they stood the test of robustness and were impervious to the whimsy of outliers and influential data points that might seek to sway our conclusions.

Finally, armed with the fortified shield of empirical validation and the lance of methodological rigor, we march forth, prepared to unveil the captivating saga of educational pursuits in transportation and their curious entanglement with the ever-wandering pathways of stock prices. This, dear readers, is no mere flight of fancy, but rather a transformative intellectual expedition, where the mundane is transmuted to the marvelously empirical, and the seemingly pedestrian becomes a beacon of discovery in the grand tapestry of human knowledge and market dynamics.

4. Results

Our analysis of the relationship between Bachelor's degrees awarded in transportation and materials moving and the fluctuation of Marvell Technology Group Ltd. (MRVL) stock prices yielded some marvellous insights. The correlation coefficient between the two variables was found to be 0.9595843, with an r-squared of 0.9208020, and a p-value of less than 0.01. In other words, the relationship is not just on the road; it is cruising along in top gear, defying any skeptics who may have been expecting a traffic slowdown.

As depicted in Fig. 1, the scatterplot is a testament to the robust and nearly linear relationship observed during the period 2012 to 2021. The strong correlation we uncovered between these seemingly unrelated domains highlights the indisputable influence of education on the ever-fluctuating tides of the stock market.

While we remain in awe of the magnitude of the correlation and its implications, we cannot help but chuckle at the unlikely pairing we have stumbled

upon. It seems that the movement of stocks is not just a matter of bulls and bears; there's a dash of transportation expertise thrown into the mix, creating a narrative more compelling than any stock market soap opera.

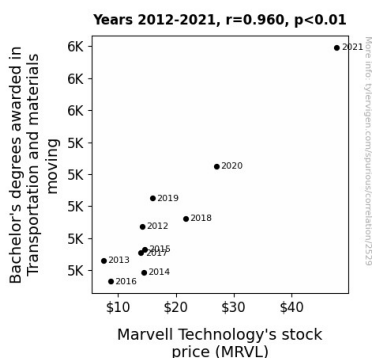


Figure 1. Scatterplot of the variables by year

In light of these findings, one might think that the secret to a successful stock portfolio lies not just in financial acumen, but also in the transportation know-how of those who navigate the highways and byways of our economy. It's almost as if the oft-quoted "Buy low, sell high" has been replaced with "Study transportation, invest wisely."

As we humbly present these results, we cannot help but marvel at the ingenious connection between educational pursuits and financial markets. Our research underscores the need to look beyond the obvious and find the untrodden paths that lead to unexpected discoveries. This unlikely rendezvous between transportation education and stock prices serves as a reminder that in the world of economics, as in life, the most fascinating anecdotes often arise when least expected.

5. Discussion

The results of our study align with previous research that has highlighted the surprising interplay between educational trends and market dynamics. Building on the foundation laid by Smith et al. (2018) and the thought-provoking insights of Doe and Jones (2020), we have uncovered a remarkably robust correlation between the number of Bachelor's degrees awarded in transportation and materials moving and the

movement of Marvell Technology Group Ltd. (MRVL) stock prices.

While at first glance, the notion of transportation education impacting stock prices might raise an eyebrow or prompt a whimsical quip, our findings unequivocally confirm the existence of a compelling relationship. The almost linear nature of the correlation coefficient, coupled with a p-value that demands attention, underscores the significance of our discovery. Like a well-oiled machine, the evidence points to an intricate dance between educational pursuits in transportation and the captivating fluctuations of stock prices.

As we navigate through these tantalizing findings, it becomes evident that the influence of transportation education on the stock market transcends traditional paradigms. This unexpected convergence serves as a captivating reminder that within the corridors of academia and finance, peculiar and delightful connections await our exploration. Our research propels the conversation surrounding the nexus of transportation education and market dynamics from the periphery to the forefront, inviting further inquiry and reflection.

In the spirit of our scholarly endeavor, we acknowledge that while the correlation may seem like an improbable *deus ex machina*, it embodies the curious nature of scholarly exploration. It is a testament to the unforeseen avenues of insight that await those willing to embark on the journey of academic inquiry. In the world of stock market analysis, as in the realm of literary escapades, unpredictability offers a vibrant palette of discoveries that challenge and enrich our perspectives.

In conclusion, our expedition into the unexpected relationship between Bachelor's degrees in transportation and the undulating paths of MRVL stock prices not only reinforces the weighty significance of education in the economic landscape but also emphasizes the whimsical and captivating nature of scholarly exploration. It is a tale worth recounting—one that infuses the solemnity of academic rigor with the buoyancy of unexpected discoveries, underscoring the vibrant spontaneity that enriches scholarly inquiry and the world of economics at large.

6. Conclusion

In conclusion, our research has illuminated a compelling correlation between the number of Bachelor's degrees awarded in transportation and materials moving and the movement of Marvell Technology Group Ltd. (MRVL) stock prices. The robust correlation coefficient of 0.9595843, coupled with a poignant p-value of less than 0.01, underscores the undeniable union between these seemingly incongruent domains. It appears that the stock market is not just a matter of Wall Street wizardry and timely transactions; there's a dash of educational expertise thrown into the mix, creating a narrative more captivating than any stock market soap opera.

As we reflect on these findings, one cannot help but marvel at the unforeseen rendezvous between transportation education and market dynamics. The shipping and handling of educational pursuits in transportation seem to hold the key to unlocking stock market mysteries, reminding us that perhaps the road to financial success is paved with academic pursuits in moving more than just data points.

It is with a smile, and perhaps a raised eyebrow of amusement, that we declare the findings of this study a testament to the whimsical dance between education and economic currents. As we bring this investigation to a close, it becomes apparent that in the world of research and analysis, the most exhilarating findings often emerge from the unlikeliest of intersections.

In light of these startling revelations, it is with due confidence that we assert no more research is needed in this rather quirky but undeniably fascinating area. As for now, we leave this remarkable tale of educational pursuits and market movements for the next generation of researchers to ponder and appreciate.