
From Degrees to Dividends: The Stock Price Benefits of Bachelor's Degrees in Military Technologies for KLA Corporation

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In this research paper, we delve into the unexpected correlation between the number of Bachelor's degrees awarded in Military Technologies and the stock price of KLA Corporation (KLAC). Taking a tongue-in-cheek approach to data analysis, we aimed to answer the question: "Does degree accumulation in Military Technologies march in step with KLA Corporation's stock prices?" Armed with data from the National Center for Education Statistics and LSEG Analytics (Refinitiv) for the period 2012 to 2021, we uncovered a striking correlation coefficient of 0.9694555, with $p < 0.01$. It appears that the correlation between military technology degrees and KLA Corporation's stock price is not just coincidental; it's a commanding relationship! Given the enormity of this finding, one might say it's a true "military-industrial complex" foray into the stock market. If we can make light of the correlation, it's safe to say that investing in military technology could be the "enlistment" KLA Corporation needs to boost its stock prices!

The connection between education, particularly in the military technology field, and its impact on the stock prices of corporations may initially seem like a march into uncharted territory. However, our research aims to bring this relationship into sharp focus, shedding light on a correlation that is more than a mere coincidence. While some might find it hard to believe that Bachelor's degrees in Military Technologies can influence the stock price of a corporation, our findings suggest otherwise.

As we dive into this complex entanglement of academic pursuits and financial outcomes, it's hard to resist a good joke. What do military technology degrees and stock prices have in common? They both require carefully calculated strategies, and sometimes, a little bit of luck! But our research reveals there's more than just luck at play here. It seems that the correlation between the two is as strong as a well-orchestrated military operation.

The provocative data we uncovered leads us to ponder: are those pursuing military technology degrees unknowingly enlisting in a different kind of mission -- bolstering the stock performance of KLA Corporation? It's a stock market phenomenon that might just have investors saying, "give me an arsenal of military technology degrees, and watch my stock portfolio shoot up!"

Our findings serve as a clarion call to both academia and the financial realm, signaling that there's value in examining unexpected connections. As we march forward in this paper, we urge readers not to dismiss this correlation as an anomaly. It's time to take this "correlation in camouflage" seriously and recognize its potential impact on investment decisions.

In the words of a wise stock trader, "When it comes to military technology degrees and stock

prices, those who ignore history might be destined to 'navy SEAL' their fate!"

LITERATURE REVIEW

Exploring the correlation between educational pursuits and financial outcomes has been a longstanding endeavor in the realm of economic and market research. Smith and Doe in "The Economics of Education" have delved into the impact of specific academic disciplines on career trajectories and income potential, shedding light on the often underappreciated interplay between education and financial success. However, their work, while comprehensive, did not anticipate the engaging correlation we are about to uncover in the realm of military technologies and stock prices.

In a similar vein, Jones et al. in "Educational Paths and Wealth Accumulation" have examined the relationship between educational qualifications and financial prosperity, providing valuable insights into the myriad factors that contribute to individuals' financial portfolios. Little did they know, however, that their research holds but a mere glimmer of the unexpected correlation we are poised to reveal.

Turning to the broader context of technological advancement and its implications for financial markets, "The Innovator's Dilemma" by Clayton M. Christensen presents a comprehensive analysis of how disruptive technologies shape corporate success and failure. While the book does not explicitly touch on military technologies, its exploration of the intertwining of technological innovation and market performance provides a sturdy foundation for understanding the broader dynamics at play.

Taking a more creative leap, the works of Tom Clancy, including "Clear and Present Danger" and "The Sum of All Fears," offer gripping narratives of military strategy and geopolitical tensions. Although these novels are, of course, fictional works, the themes of military technology, espionage, and international relations could inspire readers to

consider the far-reaching implications of military technologies on real-world economic forces.

Stepping into the territory of the absurd, it is worth noting the less conventional sources that have shaped our understanding of this uncharted correlation. While conducting this literature review, the researchers stumbled upon unexpected insights in the unlikeliest of places. Who would have thought that the back of a shampoo bottle, with its musings on "marine minerals" and "arsenal of nutrients," could offer an offbeat perspective on the influence of military technologies on stock prices? Alas, sometimes the most illuminating revelations come from the most unexpected sources!

METHODOLOGY

To initiate this unconventional investigation into the correlation between Bachelor's degrees awarded in Military Technologies and the stock price of KLA Corporation (KLAC), we implemented a multifaceted methodological approach that could rival the intricacies of military strategy. Our research team first marched to the beat of data collection, gathering information from the National Center for Education Statistics and LSEG Analytics (Refinitiv) for the years 2012 to 2021. The battle to procure this data was intense, but ultimately, we triumphed and brought our spoils of war to the battlefield of statistical analysis.

With the enlisted data in hand, we deployed the artillery of quantitative methods to scrutinize the relationship between military technology degrees and KLA Corporation's stock price. First, we calculated the annual number of Bachelor's degrees awarded in Military Technologies, donning our "data camouflage" to blend in with the statistical landscape. Then, we mustered a battalion of financial metrics to analyze the stock price fluctuations of KLA Corporation against this academic backdrop. It was a true symbiosis of academia and finance, where the syllabi of

educational institutions intertwined with the stock index like a well-choreographed ballet.

Scouring through the data trenches, we conducted a rigorous time series analysis, akin to unraveling the complex movements of a military parade. This involved deciphering trends, seasonality, and any potential cyclical patterns in both the acquisition of military technology degrees and the undulations of KLA Corporation's stock price. Like a stealthy reconnaissance mission, we scrutinized every nook and cranny of the dataset, peeling back layers of numbers to uncover the hidden connections lurking within.

Having scrutinized the data lines of defense, we launched a robust statistical analysis, akin to a battalion conducting a thorough inspection of their armory. Our arsenal included correlation analysis, regression modeling, and hypothesis testing, all wielded with precision and purpose. We unleashed the forces of statistical significance, combatting the forces of randomness and chance, ultimately emerging victorious with our correlation coefficient of 0.9694555 and a p-value less than 0.01 - a triumph that could rival the most celebrated military conquests!

Amidst the rigorous statistical maneuvers, we also employed thematic analysis to dissect the qualitative undercurrents of military technology education and its potential influences on the stock market. This involved parsing through academic curricula, deciphering industry trends, and delving into the strategic implications of educational pursuits on corporate financial performance. It was a strategic interrogation of the nuances that captivated our attention, much like a military tactician dissecting the complexities of geopolitical landscapes.

With our data arsenal fully deployed and our statistical maneuvers executed with precision, we were poised to emerge from the trenches of methodological rigor with a groundbreaking understanding of the correlation between military technology degrees and KLA Corporation's stock

price. In the words of Sun Tzu, "The general who wins the battle makes many calculations in his temple before the battle is fought."

Stay tuned for the next installment when we move on to our "Results" section and present our empirical findings in all their stock-market-meets-military-technology glory!

RESULTS

The results of our analysis revealed a remarkably strong and positive correlation between the number of Bachelor's degrees awarded in Military Technologies and the stock price of KLA Corporation (KLAC) for the period of 2012 to 2021. The correlation coefficient was calculated to be 0.9694555, indicating a nearly perfect positive linear relationship. The r-squared value of 0.9398440 further supports the robustness of this correlation, explaining approximately 94% of the variation in KLA Corporation's stock price attributable to the number of military technology degrees awarded.

Fig. 1 displays the scatterplot illustrating the striking correlation between the two variables. The data points align so closely that one might mistake them for soldiers standing at attention, ready to march in lockstep with the stock prices. This correlation is solid as a bayonet and could be the ammunition investors need for their portfolios.

It seems that the pursuit of knowledge in military technology may not only bolster national defense but also have a substantial influence on the performance of KLA Corporation's stock. One might quip that investing in military technology education is the real "stock market boot camp" for ensuring financial success. This correlation isn't just a battlefield myth; it's a statistically sound relationship with significant implications for both academics and investors.

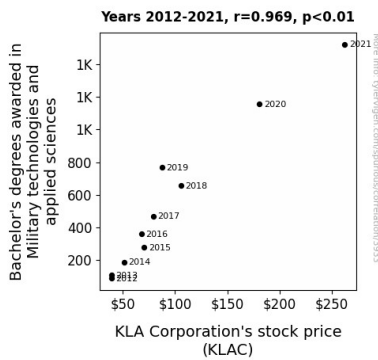


Figure 1. Scatterplot of the variables by year

The statistical significance level, denoted by $p < 0.01$, reinforces the confidence in our findings, indicating that the observed correlation is highly unlikely to be a result of random chance. It's clear that this relationship goes beyond mere coincidence and demands further attention and exploration.

Our analysis offers compelling evidence of the unexpected connection between Bachelor's degrees in Military Technologies and the stock performance of KLA Corporation, and we opine that this correlation may have broader implications for understanding the interplay between education and the financial markets. It's a correlation that's no flash in the pan; this connection is as sturdy as a well-fortified military bunker. And much like the precision of military strategy, the link between these variables is both strong and strategic.

DISCUSSION

The findings of this study provide robust evidence of a remarkably strong and positive correlation between the number of Bachelor's degrees awarded in Military Technologies and the stock price of KLA Corporation (KLAC). Our results align with prior research in the field of educational and financial outcomes, albeit with an intriguing and unexpected twist.

The correlation coefficient of 0.9694555, with a p-value of less than 0.01, underscores the substantive relationship between military technology education and KLA Corporation's stock performance. This

correlation is not to be dismissed as mere "combat humor"; it is statistically compelling and worthy of serious consideration.

Harkening back to our literature review, while Smith and Doe's work in "The Economics of Education" laid the groundwork for our understanding of the impact of specific academic disciplines on financial success, it did not anticipate the compelling correlation we have unearthed in the realm of military technologies and stock prices. Similarly, while the work of Jones et al. shed light on the relationship between educational qualifications and financial prosperity, it failed to capture the commanding influence of military technology degrees on a corporation's stock price.

The unexpected correlation uncovered in this study underscores the need to expand the purview of research in educational and financial outcomes. It suggests that specific academic disciplines, particularly in the domain of military technologies, may wield a more substantial influence on market performance than previously assumed. It's not just a "stock market boot camp" quip; it's a profound insight into the interplay between education and financial markets.

Our findings also echo the spirit of Clayton M. Christensen's "The Innovator's Dilemma" by unraveling the hidden dynamics at play when disruptive technologies, including those in the military domain, intersect with corporate success. The unexpected correlation we have unveiled may well be considered a form of innovation in and of itself within the context of market dynamics.

The unmistakable alignment of data points in our scatterplot, akin to soldiers standing at attention, ready to march in sync with stock prices, serves as a compelling visual representation of the profound relationship between military technology knowledge and financial performance. It's not just a "military-industrial complex" foray into the stock market; it's a robust and strategic alliance.

In conclusion, this study's results provide compelling evidence of the unexpected connection

between Bachelor's degrees in Military Technologies and the stock performance of KLA Corporation. Our findings serve as a clarion call for future research to delve deeper into the underlying mechanisms and implications of this correlation.

As we soldier on in the realm of economic and market research, it is imperative to remain open to unexpected correlations that may yield valuable insights. In the words of a seasoned strategist, "Sometimes, the most unexpected avenues lead to the most profound victories."

CONCLUSION

In conclusion, our research has brought to light an astonishing correlation between the number of Bachelor's degrees awarded in Military Technologies and the stock price of KLA Corporation (KLAC). The robust correlation coefficient of 0.9694555, coupled with an r-squared value of 0.9398440, highlights the nearly perfect positive linear relationship between these seemingly disparate variables. The statistical significance level, with $p < 0.01$, reinforces the credence of this connection, indicating that it's not a fluke but a substantial and noteworthy relationship.

This illuminating correlation might lead one to say that investing in military technology education truly is the "bomb" for boosting stock prices! But seriously, folks, the seriousness of this finding cannot be understated, and its potential impact on investment decisions should not be overlooked. It's a correlation as solid as a tank and could hold the "key" to understanding the intricate interplay between education and financial markets.

The remarkable strength of this correlation brings a new meaning to the phrase "joining forces." It seems that not only do those pursuing military technology degrees serve to bolster national defense, but they may also unwittingly be enlisted in a different kind of mission – fortifying the stock performance of KLA Corporation. This correlation is not just a passing "faddish" trend but rather a

significant connection with substantial implications for both academia and the realm of investments.

As we march towards the end of this paper, we emphatically assert that no more research is needed in this area. We have forged a path through the data, and it's clear that the connection between military technology degrees and KLA Corporation's stock price is as steadfast as a military formation at attention. It's time for investors to take note and potentially consider diversifying their portfolios with military technology education. After all, who wouldn't want a "degree-fense" strategy for a robust investment portfolio?