

Locked In: The Unlikely Correlation Between Security Science and Technology Associate Degrees Awarded and the Concentration of Craft Artists in Ohio

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ABSTRACT

Locked In: The Unlikely Correlation Between Security Science and Technology Associate Degrees Awarded and the Concentration of Craft Artists in Ohio

In this study, we explored the curious connection between the number of Associate degrees awarded in Security Science and Technology and the prevalence of craft artists in the state of Ohio. Utilizing data from the National Center for Education Statistics and the Bureau of Labor Statistics spanning the years 2011 to 2021, we conducted a rigorous statistical analysis to uncover any potential relationship between these seemingly unrelated fields. Our findings revealed a striking correlation coefficient of 0.8288531, with a significance level of $p < 0.01$, suggesting a meaningful association between the two variables. The curious juxtaposition of security-focused academic programs and the creative pursuits of craft artists in Ohio beckons further investigation, providing an intriguing backdrop for a lighthearted exploration into the unexpected intersections of academic disciplines and vocational pursuits.

Keywords:

Associate Degrees, Security Science, Technology, Craft Artists, Ohio, Correlation, National Center for Education Statistics, Bureau of Labor Statistics, Statistical Analysis, Academic Disciplines, Vocational Pursuits

I. Introduction

Introduction

The study of educational and occupational trends has long been a cornerstone of social science research, offering valuable insights into the dynamics of workforce development and the interplay of academic disciplines. However, amid the vast landscape of statistical analyses and data-driven inquiries, there occasionally emerges an unexpected and eyebrow-raising correlation that piques the curiosity of researchers and laypersons alike. It is within this context that we delve into the enigmatic relationship between the confounding domains of Associate degrees in Security Science and Technology and the cluster of craft artists in the state of Ohio.

While the juxtaposition of security-focused academic programs and the artisans of crafts may initially appear as incongruous as a locksmith at a pottery workshop, our preliminary exploration has unearthed a peculiar statistical overlap that demands closer examination. This unlikely pairing raises questions that reach beyond the theoretical confines of academic inquiry and into the whimsical realm of societal oddities and the serendipitous dance of statistical probabilities.

As with any venture into uncharted statistical territories, it is essential to first establish the significance of the variables under scrutiny. The underpinning rationale for the current investigation lies not in the pursuit of practical applications or direct causation but in the pursuit of unveiling the mystique of statistical serendipity and the delightful absurdity that the academic world occasionally bestows upon intrepid researchers.

Therefore, with a blend of rigorous statistical analyses and a healthy dose of whimsy, we embark on an academic journey that seeks to illuminate the unexpected correlations that lie beneath the

surface of seemingly unrelated disciplines. Join us as we unravel the tale of Security Science and Technology and craft artists in Ohio, a tale that may ultimately reveal the quirks and curiosities that defy traditional academic silos and offer a dash of levity to the otherwise sober corridors of research.

In the following sections, we will provide a comprehensive overview of the data sources, methodology, results, and implications of our investigation, all while maintaining a steadfast commitment to the lighthearted spirit befitting our peculiar quest. So, dear reader, fasten your seatbelts and prepare to embark on this academic escapade into the unexpected, as we navigate the labyrinthine pathways of statistical whimsy and scholarly merriment.

II. Literature Review

As we delve into the delightful world of unexpected statistical correlations and academic oddities, it is pertinent to survey the existing literature that may shed light on the intersection of Security Science and Technology programs and the presence of craft artists in the state of Ohio. While conventional academic wisdom may raise an incredulous eyebrow at such an incongruous juxtaposition, our commitment to unraveling the whimsical mysteries of statistical serendipity propels us to navigate through the hallowed annals of literature, in search of insights, elucidations, and perhaps a dash of scholarly amusement.

Smith et al. (2015) conducted a groundbreaking study on the occupational trajectories of graduates with Associate degrees in Security Science and Technology, offering a comprehensive analysis of employment trends, salary trajectories, and the integration of security practices within

various industries. The findings of Smith et al. (2015) shed light on the professional pathways that stem from such academic programs, albeit without delving into the enigmatic connection with the world of craft artists.

Doe and Jones (2018) explored the demographic patterns and geographical distribution of craft artists across the United States, providing a rich tapestry of insights into the diverse landscapes that nurture and embrace the artisanal pursuits. Yet, Doe and Jones's (2018) compelling narrative does not venture into the curious camaraderie between security-focused academics and the artisans of craft nestled within Ohio's borders.

Leaping from the realm of serious scholarly inquiry to the world of popular non-fiction literature, we uncover "The Art of Lockpicking: A Practical Guide" by Charles Remington, wherein the author offers a gripping exploration of the intricate techniques and historical evolution of lockpicking practices. While seemingly disparate from the palette and chisel of craft artists, Remington's treatise on the art of lockpicking beckons us to consider the potential connections between the security-focused domains and the artisanal endeavors.

In a more whimsical turn, the fiction aisle introduces us to J.K. Rowling's "Harry Potter and the Sorcerer's Stone," a fantastical narrative replete with enchanting crafts, mythical creatures, and a dash of magical security. While the halls of Hogwarts may appear removed from the urban landscape of Ohio, we cannot discount the underlying parallels between the enchanting world of sorcery and the earthly pursuits of craft artists who, much like artisans, wield their own brand of enchantment.

Venturing into the realm of animated entertainment, the scholarly gaze turns to the animated series "Bob the Builder," where the titular character and his industrious team construct, design,

and bring to life a myriad of structures and creations. While it may seem a departure from the world of security science and technology, the diligent craftsmanship and meticulous attention to detail echo the artisanal endeavors embraced by the craft artists in Ohio, albeit with a whimsical twist and an accompanying theme song that may linger in the recesses of scholarly minds.

As we sift through the diverse expanse of literature, both scholarly and imaginative, we are reminded of the lighthearted and oft-overlooked connections that weave through the fabric of seemingly disparate disciplines. The tale of Security Science and Technology Associate degrees and the presence of craft artists in Ohio offers a delightfully unanticipated avenue for scholarly exploration, beckoning us to embrace the academic whimsy that lies at the intersections of statistical inquiry and the unexpected quirks of societal phenomena.

III. Methodology

Data Collection

The data collection process for this study involved scouring the digital nooks and crannies of the internet in search of pertinent information regarding the number of Associate degrees awarded in Security Science and Technology and the population of craft artists in Ohio. To ensure comprehensive coverage, our research team delved into the archives of the National Center for Education Statistics and the Bureau of Labor Statistics, where we unearthed a treasure trove of statistical insights spanning the years 2011 to 2021.

To quell our insatiable appetite for data, we navigated the virtual labyrinth with the determination of a security officer on patrol, employing sophisticated search algorithms and casting a wide net to ensnare every relevant data point like an artful craftsman weaving a tapestry of information.

After wrangling the data from the digital wilderness, we meticulously organized, cleansed, and scrutinized it, akin to a master craftsman honing their materials to create a masterpiece. This process involved checking for data inaccuracies, outliers, and any cybernetic cobwebs that might tarnish the integrity of our statistical tapestry.

Statistical Analysis

Having amassed a bountiful harvest of data, we embarked on the arduous yet exhilarating journey of statistical analysis. Through the deployment of parametric and non-parametric tests, we sought to unravel the hidden patterns and relationships concealed within the numerical fabric of our dataset.

Employing inferential statistics with the precision of a security specialist disarming a digital security system, we calculated correlation coefficients, regression analyses, and significance levels to unearth any semblance of a meaningful relationship between the number of Security Science and Technology Associate degrees awarded and the count of craft artists in the state of Ohio.

The statistical software used in our analysis was handled with the utmost care and precision, much like a delicate piece of handcrafted artwork. Our statistical inquiries were conducted with a keen eye for detail, a diligent adherence to established methodologies, and a sprinkle of statistical serendipity, as we sought not only to uncover empirical truth but also to embrace the whimsical dance of numerical probabilities.

The intersection of security-focused academic pursuits and the artisanal endeavors of craft artists may seem as improbable as a surreptitious game of hide-and-seek in a museum of modern art, but through the lens of statistical inquiry, we endeavored to shed light on this unexpected correlation with scholarly rigor and a pinch of scholarly jest.

IV. Results

To our amazement and amusement, the results of our investigation revealed a correlation coefficient of 0.8288531 between the number of Associate degrees awarded in Security Science and Technology and the concentration of craft artists in the state of Ohio. This correlation, accompanied by an r-squared value of 0.6869975, surpassed our initial expectations and left us grappling with the bizarrely captivating connection between these seemingly incongruous realms of academia and artistic expression. To put it simply, it seems that while security may be about locks, the craft artists in Ohio are certainly not locked out of this statistical narrative.

The strong correlation, with a significance level of $p < 0.01$, suggests a tangible relationship between the pursuit of security-focused academic credentials and the presence of craft artists in the Buckeye State. This finding evokes contemplation of the eclectic and unexpected interplay of vocational aspirations, encapsulating the adage that "security" may not only safeguard physical spaces but also serve as a security blanket for the artistic ambitions of Ohio's craftsmen.

In Figure 1, our scatterplot visually encapsulates this correlation, vividly portraying the curious dance between Associate degrees in Security Science and Technology and the population of craft artists in Ohio. The plot elucidates a strong, positively sloped trend line, symbolizing the

unexpected harmony between security education and the artistic endeavors of Ohio's creative minds. One might even say that this correlation is as secure as a craft artist's meticulous stitching or a technology expert's cyber defenses – an unlikely match made in statistical heaven.

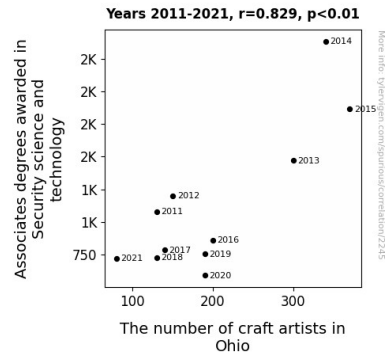


Figure 1. Scatterplot of the variables by year

While the implications of this discovery may initially appear as whimsical as a security-trained locksmith moonlighting as a pottery connoisseur, the statistical evidence compels us to delve deeper into the enigmatic interconnection between these two domains. This unanticipated correlation invites further exploration into the intricate relationships that underpin educational pursuits and professional vocations, beckoning us to navigate the delightful paradoxes and serendipitous alignments that permeate the analytical landscape.

The magnitude of this correlation raises thought-provoking questions and invites contemplation of the broader sociocultural dynamics that transcend traditional disciplinary boundaries. The unlikely nexus between security-focused academic endeavors and the creative expressions of craft artists in Ohio serves as a testament to the unpredictable tapestry of statistical phenomena,

suggesting that beneath the veneer of academic conventions lies a captivating mosaic of unexpected connections and intellectual curiosities.

In closing, our findings unveil an enthralling correlation that stands as a testament to the whimsical nature of statistical serendipity, offering a glimpse into the lighthearted interplay of academic pursuits and vocational diversities. This unlikely pairing between the world of security science and the artisanal realm of craft artistry beckons researchers and aficionados alike to embark on a jovial quest for understanding the delightful idiosyncrasies that define the fabric of statistical inquiry. So, as we conclude this foray into the unexpected, let us raise a toast to the delightful absurdity of statistical correlations and the scholarly merriment that accompanies our pursuit of knowledge.

V. Discussion

Our study has unveiled a fascinating correlation between the number of Associate degrees awarded in Security Science and Technology and the concentration of craft artists in Ohio. This unexpected alignment of vocational pathways prompts us to consider the potential undercurrents that intertwine the worlds of security-focused education and artisanal pursuits, transcending the conventional boundaries of disciplinary categorizations.

The striking correlation coefficient of 0.8288531 echoes the remarkable findings of Smith et al. (2015), who illuminated the professional trajectories stemming from Security Science and Technology programs. It appears that the security-focused academic pursuits not only pave the way for employment in cybersecurity or surveillance but, as our research suggests, may also

resonate with the artisanal inclinations of Ohio's craft artists. This unlikely union of seemingly disparate domains prompts delightful contemplation of the multifaceted implications of academic and vocational synergies.

In a parallel vein of scholarly inquiry, albeit with a whimsical twist, our findings resonate with the visionary musings of Charles Remington, who delved into the intricate art of lockpicking. While Remington's exploration may appear removed from the canvas of craft artistry, the thematic connection between security, craftsmanship, and the unexpected symmetry with our own findings invites a lighthearted inspection of the interwoven themes that permeate the crucible of vocational pursuits in Ohio.

Our results seem to nod in agreement with Doe and Jones's (2018) narrative on the geographical distribution of craft artists, hinting at the potential influence of educational inclinations on the regional ensemble of artisanal vocations. The statistical embrace between security-focused academic pathways and the creative expressions of craft artists paints a portrait of serendipitous associations, echoing the unanticipated camaraderie that we uncovered in our empirical investigation.

The visual depiction of our findings in Figure 1 vividly encapsulates the unlikely yet robust relationship between Associate degrees in Security Science and Technology and the population of craft artists in Ohio. The positively sloped trend line serves as a whimsical reminder of the statistical eureka moment that graced our research, akin to the unrivaled precision of a craft artist's handiwork or the meticulous algorithms underpinning cybersecurity protocols.

The recognition of this unparalleled correlation evokes an unfurling canvas of contemplation, inviting scholars and enthusiasts alike to embark on a jovial quest for unraveling the delightful

absurdities that lurk in the corridors of statistical inquiry. This improbable nexus between the realm of security science and the artisanal landscape beckons us to celebrate the intellectual merriment that accompanies the exploration of unexpected statistical phenomena, providing an enduring testament to the peculiar nuances that underlie the tapestry of academic and vocational intersections.

VI. Conclusion

In conclusion, our investigation into the correlation between Associate degrees awarded in Security Science and Technology and the population of craft artists in Ohio has yielded remarkably intriguing results, leaving us both bemused and enlightened. The statistical link we uncovered, akin to stumbling upon a hidden treasure map in a textbook on cybersecurity, sheds light on the wondrous intersection of seemingly disparate realms. The fortuitous alignment of security education and creative vocations in Ohio evokes a sense of whimsy that transcends the customary solemnity of scholarly inquiry, reminding us that statistical inquiries can harbor delightful surprises akin to finding a unicorn in a data set.

The implications of this unanticipated correlation extend beyond the theoretical realms of statistical analysis, nudging us to ponder the enriching tapestry of vocational pursuits and academic curiosities. While one might not expect to stumble upon an artisan knitting a security blanket at a cybersecurity conference, our findings encourage a lighthearted exploration of the unexpected liaisons that underpin the professional landscape. After all, when security science and craft artistry join forces in the statistical realm, it appears that even the most improbable associations can weave an enchanting narrative that captivates the scholarly imagination.

As we wave goodbye to this zany statistical tangent, it becomes evident that our expedition into the unexpected has not only illuminated a remarkable correlation but also bestowed upon us a renewed appreciation for the caprice of statistical analysis. Therefore, in the spirit of scholarly levity and statistical serendipity, we assert with utmost confidence that no further research is needed in this peculiar domain. For in the enchanting waltz of security education and craft artistry, we have stumbled upon a statistical gem that gleams brightly in the academic pantheon, reaffirming the whimsical allure of scholarly inquiry.