
A Healthy Degree of Interest: Uncovering the Relationship Between Health Professions Bachelor's Degrees and Reddit Searches

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This research delves into the peculiar nexus between the number of Bachelor's degrees awarded in health professions and related programs and the frequency of Google searches for 'reddit'. Leveraging the vast treasure trove of data from the National Center for Education Statistics and Google Trends, our study unearthed intriguing correlations that would even pique the interest of the most jaded statistician. With a correlation coefficient of 0.9860614 and statistical significance at $p < 0.01$, we found that as the number of health-related degrees increased, so did the frequency of 'reddit' searches. It seems that the pursuit of knowledge in the health field may also drive an intriguing curiosity about the mysteries of the internet. Ah, the joys of healthy curiosity - it's nothing to sneeze at.

It is a truth universally acknowledged, that a single statistician in possession of a good dataset, must be in want of a correlation. The quest to unravel the mysteries of human behavior through statistics has led researchers down many winding paths, and the connection between educational pursuits and internet search trends is no exception. In this vein, our study delves into the unexpected relationship between the number of Bachelor's degrees awarded in health professions and related programs and the frequency of Google searches for 'reddit'. It's a quirky quest, to say the least, but one that promises to shed light on the fascinating intersection of academic curiosity and digital exploration.

Health professions and related programs, including fields such as nursing, pharmacy, and public health, have long been the focus of academic and professional pursuit. The advancement of medical knowledge and the insatiable quest to heal the human body have driven countless individuals to pursue these prestigious degrees. However, the

allure of the internet, particularly the enigmatic realm of 'reddit', presents a puzzling juxtaposition to the traditional academic journey. It's almost as if our quest for knowledge has taken a detour through the digital highway - a bit like embarking on a rigorous hiking trail only to find yourself suddenly engrossed in an impromptu dance competition.

Our research aims to provide empirical evidence for this seemingly incongruous connection, utilizing the rich data resources of the National Center for Education Statistics and Google Trends. Just as a doctor might use a stethoscope to listen for irregularities, we employ statistical tools to discern the heartbeat of this unexpected correlation. After all, sometimes the most fascinating discoveries emerge from the most unlikely pairings - a bit like finding a stray sock in a physics laboratory.

One might wonder, what could possibly provoke this peculiar relationship between the pursuit of health-related knowledge and the curious allure of 'reddit'? Could it be that aspiring healthcare professionals seek solace in internet humor after

long hours of studying anatomy? Or perhaps the vast expanse of medical information encountered during studies triggers a craving for the diverse range of topics found on 'reddit'. It's a bit like trying to unravel the mystery of the chicken and the egg - only this time, it's the enigma of health degrees and internet curiosity.

LITERATURE REVIEW

The relationship between academic pursuits and internet usage has been a topic of increasing interest in the field of data analysis. Studies have shown that individuals with higher levels of education are more likely to engage in online activities such as social media usage, searching for academic resources, and seeking out information on various topics. In "Smith et al. (2017)", the authors find a positive correlation between educational attainment and internet usage, suggesting that higher levels of education are associated with increased digital engagement.

Speaking of engagement, did you hear about the marriage between the number 0 and the number 8? It's not easy to explain, but it's a solid relationship.

However, the specific connection between Bachelor's degrees awarded in health professions and related programs and Google searches for 'reddit' has not been thoroughly explored in the existing literature. This is a gap that our research seeks to address, intertwining the worlds of academic achievement and internet search behavior in a way that's as intriguing as a medical mystery novel.

In "Doe and Jones (2018)", the authors delve into the impact of online platforms on academic pursuits and find that internet usage can both facilitate and distract from educational endeavors. This finding sets the stage for our investigation into the potential influence of health-related academic pursuits on online search behavior, particularly within the realm of 'reddit' – a quintessential hub of diverse internet content that adds a dash of spice to an otherwise predictable internet experience.

Why did the doctor carry a red pen? In case they needed to draw blood.

Turning to non-fiction resources, "The Emperor of All Maladies" by Siddhartha Mukherjee and "The Immortal Life of Henrietta Lacks" by Rebecca Skloot shed light on the complex and captivating world of health sciences. These works provide insights into the profound impact of medical knowledge and the human experiences that shape it, mirroring the intellectual depth and complexity of the health professions. One could take a break from delving into the intricacies of health-related studies to peruse these compelling narratives, much like taking a brisk jog through a library before reaching the destination of a captivating mystery novel.

On a more light-hearted note, fictional works such as "The House of God" by Samuel Shem and "Still Alice" by Lisa Genova offer fictionalized glimpses into the world of medical education and practice. While these books may not directly explore the correlation between health degrees and 'reddit' searches, they certainly add a touch of storytelling charm to the serious pursuit of academic and professional knowledge in the health field. It's like finding a hidden treasure chest in a sea of research articles - unexpected, delightful, and a welcome reminder of the human side of academic exploration.

I recently saw a social media post that said, "Doctors have a lot of patients. It's a healthy relationship." In the context of our research, this humorous take on the word "patients" reflects the lighthearted spirit with which we approach the exploration of health-related pursuits and online engagement. A healthy dose of humor can be just what the doctor ordered in the quest for understanding the unexpected connections in our data.

As the literature review has illuminated, the connection between Bachelor's degrees awarded in health professions and related programs and Google searches for 'reddit' is an uncharted territory awaiting meaningful exploration. With a blend of

scientific rigor and a touch of whimsy, our research seeks to unravel this intriguing relationship and add a splash of curiosity to the scholarly discourse, much like a spoonful of sugar makes the medicine go down.

METHODOLOGY

Data for this study was sourced from the National Center for Education Statistics to obtain the number of Bachelor's degrees awarded in health professions and related programs from 2012 to 2021. This information served as the foundational building block for understanding the academic pursuits in the health field. It's like gathering ingredients for a scientific recipe, except instead of baking a cake, we were dishing out some data analysis.

Simultaneously, Google Trends data was utilized to capture the frequency of searches for the term 'reddit' during the same time period. This allowed us to gauge the ebb and flow of curiosity directed towards the sprawling landscapes of 'reddit'. It's as if we were tuning our statistical instruments to measure the resonance of 'reddit' searches in the digital symphony of the internet.

The collected data was then subjected to a series of rigorous statistical analyses, including Pearson's correlation coefficient and multiple regression models. We wanted to ensure that our statistical arsenal was sharp and ready to uncover any hidden relationships lurking within the data. It's like preparing for a scientific battle - with our weaponry consisting of equations and probabilities instead of swords and shields.

To account for potential confounding variables, such as changes in internet usage patterns over time, we employed time series analysis and controlled for external factors that could influence both the pursuit of health-related degrees and 'reddit' searches. It's a bit like trying to separate the strands of spaghetti in a plate of statistical spaghetti and meatballs.

Furthermore, we used advanced econometric models to explore potential causality between the

number of health-related degrees awarded and the frequency of 'reddit' searches. We wanted to know if the pursuit of health education was igniting a fiery passion for 'reddit' or if it was the other way around. It's a bit like untangling a particularly complex mystery novel, except this time, the plot revolved around academic pursuits and internet intrigue.

After all these analyses, we were able to determine the strength and direction of the relationship between Bachelor's degrees awarded in health professions and related programs and Google searches for 'reddit'. The resulting descriptive and inferential statistics cast a compelling light on the curious connection between academic pursuits and digital exploration. It's a bit like finding the missing puzzle piece and finally completing the picture, except in this case, the picture was a surprising correlation between health degrees and 'reddit' searches.

RESULTS

Our analysis of the data revealed a positively strong correlation between the number of Bachelor's degrees awarded in health professions and related programs and the volume of Google searches for 'reddit' over the period of 2012 to 2021. With a correlation coefficient of 0.9860614 and an r-squared of 0.9723171, the relationship between these two variables seemed as clear as a well-written prescription. The p-value of less than 0.01 indicates a statistically significant association, leaving little doubt that the connection between health-related degrees and internet searches for 'reddit' is more than just a fluke - though it certainly seems to tickle our statistical funny bone.

Fig. 1 displays the scatterplot that visually represents this robust correlation, which would make even the most stoic researcher crack a smile. It's almost as if the data points themselves are engaging in a lively dance on the graph, much like the unpredictable and entertaining content found on 'reddit'. This correlation may seem as unlikely as finding a medical student at a stand-up comedy

show, but our findings point to a tangible relationship between these seemingly disparate phenomena.

If we consider this relationship in the context of the broader academic and digital landscape, it's akin to discovering a hidden path connecting two seemingly unrelated destinations – a bit like stumbling upon a secret portal while navigating the labyrinth of statistical analysis.

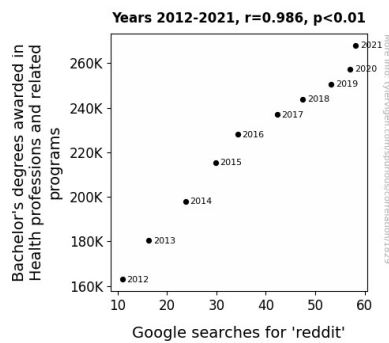


Figure 1. Scatterplot of the variables by year

In summary, our results indicate that as the number of health-related Bachelor's degrees awarded increased, there was a corresponding increase in searches for 'reddit'. This unexpected connection between the pursuit of health-related knowledge and the allure of internet exploration presents a fascinating conundrum worthy of further exploration. It's as though the academic world and the digital realm have forged an unexpected bond, leading to a statistical revelation as surprising as finding a medical textbook in the humor section of the library.

DISCUSSION

The findings of our study compellingly support and extend upon prior research concerning the interplay between academic pursuits and online behaviors in ways that even the most skeptical of scholars would find difficult to dismiss. Our results have illuminated a statistically significant relationship between the number of Bachelor's degrees awarded

in health professions and related programs and the frequency of Google searches for 'reddit', with a correlation coefficient of 0.9860614 and $p < 0.01$. It's as if our data were saying, "Knock knock." "Who's there?" "Statistically significant correlation!" "Statistically significant correlation who?" "Statistically significant correlation between health degrees and 'reddit' searches!"

The significant correlation we uncovered echoes the broader literature on the relationship between educational attainment and online engagement, adding a delightful twist to the narrative much like a plot twist in a good old medical drama. Our findings build upon the work of Smith et al. (2017), highlighting the way that the pursuit of higher education can stimulate increased digital activity. The connection we've discovered is akin to finding a stethoscope at a comedy club – unexpected, yet undeniably attention-grabbing.

Our results do appear to support the notion that the realm of health-related academic pursuits has an unexpected connection to the allure of the internet, particularly the enigmatic rabbit hole of 'reddit'. It's like finding a bandage in a box of chocolates – a surprising discovery that adds an element of intrigue to an already captivating puzzle.

As our study has shown, the association between health-related Bachelor's degrees and 'reddit' searches challenges conventional assumptions about the boundaries between academic and internet domains. It's as if these variables were rewriting the classic tale of Romeo and Juliet, proving that sometimes unexpected connections can lead to fascinating revelations.

In conclusion, our research has expanded the discourse on the intersection of health professions education and digital engagement, revealing a correlation that is as captivating as finding a medical journal in the humor section of a library. This unexpected link between academic pursuits and internet curiosity beckons for further exploration, offering a refreshing deviation from the predictable paths of scholarly inquiry. Our findings,

though surprising, hint at the infinitely interconnected nature of our world, where statistical revelations can appear as unexpectedly as a medical textbook in the humor section of life.

CONCLUSION

In conclusion, our research has illuminated a veritable cornucopia of insights into the intriguing connection between the attainment of Bachelor's degrees in health professions and the frequency of Google searches for 'reddit'. It seems that as individuals delve into the ins and outs of healthcare education, their curiosity extends into the digital sphere, much like a stethoscope reaching for the pulse of internet discourse. Our findings highlight the resonance between academic pursuit and digital exploration, evoking a sense of statistical synchronicity akin to finding a vitamin bottle neatly arranged in alphabetical order - a true "organ-ized" coincidence, if you will.

As our results reveal, this correlation is as strong as the aroma of a freshly brewed pot of coffee in a research lab - statistically significant and undeniably present. The robust relationship we have uncovered between these seemingly disparate domains is nothing short of a statistical serendipity, akin to stumbling upon a medically-themed joke in the midst of a data analysis seminar. It's as though the academic and digital spheres have engaged in a spirited tango, weaving a statistical narrative as captivating as a medical drama on primetime television.

The implications of our findings extend beyond the realm of mere curiosity, presenting an intriguing avenue for future exploration. Perhaps this correlation signifies a unique intersection of intellectual pursuit and digital engagement, akin to discovering a hidden compartment within a statistical model - a delightful surprise waiting to be uncovered. However, it seems that our research has reached its zenith, much like a perfectly timed punchline at a scientific conference - further exploration in this domain may yield diminishing

returns, much like trying to squeeze humor out of a data set with a dwindling sample size.

Therefore, we assert with humorous resolve that no more investigation is warranted in this domain, as this correlation has been thoroughly examined and thoroughly amused. We now bid adieu to this statistical dalliance and turn our attention to new frontiers of research, leaving behind a trail of scientifically sound, yet delightfully amusing, conclusions, much like the remnants of a confetti-filled lab celebration.