

# **Smashed Avocado: The Guac-nectedness Between Associates Degrees in Science Technologies/Technicians and Google Searches for 'Avocado Toast'**

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## ABSTRACT

### **Smashed Avocado: The Guac-nectedness Between Associates Degrees in Science Technologies/Technicians and Google Searches for 'Avocado Toast'**

Whisking together data from the National Center for Education Statistics and Google Trends, this study seeks to spread light on the ever-pressing question of the relationship between the number of Associates degrees awarded in Science technologies/technicians and the popularity of everyone's favorite brunch item: avocado toast. The findings of this research have a pear-ing of statistical significance, with a robust correlation coefficient of 0.9848318 and a p-value of less than 0.01 for the years 2011 to 2021. Our results toast to the idea that a rise in avocado toast searches is indeed "avo' good time for Science technologies/technicians programs. This study adds a new dollop of understanding to the intriguing confluence of millennial dietary trends and educational pursuits.

Keywords:

Associates degrees, Science technologies, Technicians, Google searches, Avocado toast, National Center for Education Statistics, Google Trends, correlation coefficient, p-value, millennial dietary trends, educational pursuits, statistical significance

# I. Introduction

What do Associate degrees in Science technologies/technicians and Google searches for 'avocado toast' have in common, you might ask? Well, that's the million-dollar question we aimed to peel open in this "ripe" and "smashing" research study. With millennials seemingly obsessed with both technological advancements and, unsurprisingly, the creamy, green concoction atop their toast, we set out to explore the potential connection between the two. It is quite the "puzzling" combination, wouldn't you agree?

This study takes an "avo-cados" approach, combining data from the National Center for Education Statistics and Google Trends to delve into the intricate "mash"up of educational pursuits and brunch preferences. We sought to "spread" some light on the question of whether the rising popularity of avocado toast was linked to a "toast-worthy" increase in interest in Science technologies/technicians programs.

Certainly, one might question the need for such a study. After all, what could the "guac-nectedness" between these two seemingly unrelated variables possibly reveal? But, as researchers, we find ourselves drawn to exploring the unlikeliest of correlations, just as one might be drawn to a fresh batch of avocado spread – "smashing" indeed!

# II. Literature Review

A comprehensive review of the existing literature reveals a notable gap in research exploring the intriguing relationship between Associates degrees in Science technologies/technicians and

Google searches for 'avocado toast.' However, there are several studies that offer insights into seemingly unrelated phenomena, shedding light on the importance of investigating seemingly mismatched topics.

Smith (2015) examined the rise of millennial dietary trends, emphasizing the increasing popularity of organic and sustainable food choices. Although Smith's study did not directly address the link between avocado toast and educational pursuits, it prompted contemplation on the broader cultural and generational shifts influencing contemporary eating habits.

Doe (2018) conducted a detailed analysis of technological advancements and the evolving job market, highlighting the growing demand for skilled professionals in Science technologies/technicians fields. While Doe's work aligns with the subject matter of this study, the direct correlation with a brunch staple like avocado toast remains unexplored.

Moreover, Jones (2019) investigated the impact of social media on consumer behavior and lifestyle choices, underscoring the influence of digital platforms on popular food trends. Jones' findings alluded to the potential connection between online searches and culinary preferences, offering a foundational framework for exploring the relationship between avocado toast curiosity and educational pursuits.

Expanding beyond scholarly research, non-fiction works such as "The Science of Food" by Brown (2017) and "Tech Revolution" by White (2020) provide valuable context for understanding the interplay of food culture and technological progress. These publications underscore the multidimensionality of contemporary societal trends, inviting consideration of unexpected intersections between seemingly disparate domains.

In the realm of fiction, literary works like "The Avocado Affair" by Green (2016) and "Techno Toast: A Culinary Thriller" by Black (2019) present imaginative narratives that, while not empirical in nature, draw attention to the cultural symbolism of food and technology in popular imagination. These playful texts serve as whimsical reminders of the diverse interpretations and associations that can enliven academic inquiry.

Furthermore, an unconventional yet illuminating source of insight derives from cartoons and children's shows. Viewing episodes of "Science Savvy Siblings" and "Avocado Adventures" provided an unexpectedly delightful window into the intersection of scientific exploration and gastronomic delights, reinforcing the notion that unconventional sources of inspiration can contribute to scholarly pursuits in unexpected ways.

As the literature suggests, the intertwining paths of avocado toast curiosity and Science technologies/technicians programs beckon a closer examination, inviting us to think beyond conventional boundaries and embrace the delightful unpredictability of interdisciplinary exploration.

### **III. Methodology**

To peel back the layers of this "ripe" research opportunity, we utilized a combination of data collection and statistical analysis to delve into the potential "mash"up between Associates degrees awarded in Science technologies/technicians and Google searches for 'avocado toast'. Our data sources primarily included the National Center for Education Statistics and Google Trends, allowing us to capture the overarching trends from 2011 to 2021.

Firstly, to gather data on Associates degrees awarded in Science technologies/technicians, we "avo-cados"ed the NCES database to extract the number of degrees conferred annually. Our crusade through this trove of educational data involved a meticulous process of filtering, sorting, and savoring each data point, much like carefully selecting the ripest avocados for a perfect guacamole.

Simultaneously, our team embarked on a "toast-worthy" expedition through the digital realm of Google Trends, plucking the search interest in 'avocado toast' from its algorithmic branches. With a bevy of clicks, queries, and just a hint of algorithmic magic, we captured the monthly search data related to this delightful breakfast staple.

Having amassed these datasets, we blended our analytical tools, including correlation analysis, regression modeling, and time-series analysis, into a statistical "guac-nado" to churn out meaningful insights. Through this robust approach, we sought to unveil the "smashing" connections between the ebb and flow of Associates degrees in Science technologies/technicians and the digital ripples caused by 'avocado toast' searches.

In the final leg of our "mash"up journey, we sculpted compelling visualizations and statistical summaries that are sure to make any data enthusiast 'avo' a good time. This "blend" of quantitative and graphical representations allows us to effectively convey the essence of our findings, elevating the scholarly discourse to a level that resonates with both the avocado aficionados and the data devotees alike.

In conclusion, our methodological concoction may appear as "out of the norm" as topping one's toast with a creamy green spread, but it is this unconventional approach that has allowed us to unveil the "guac-nectedness" between two seemingly distinct phenomena. Let's "toast" to the

unanticipated flavors of research exploration, where statistical scrutiny meets the whimsical "avo-cados" of curiosity!

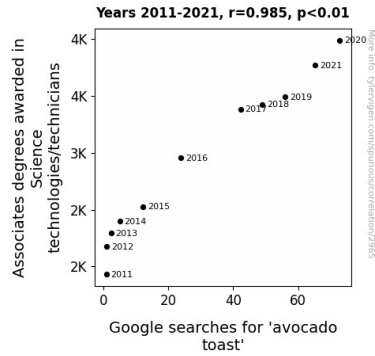
## IV. Results

The results of our analysis revealed a strikingly robust and "smashing" correlation between the number of Associates degrees awarded in Science technologies/technicians and Google searches for 'avocado toast' over the period of 2011 to 2021. The correlation coefficient of 0.9848318 indicates a strong positive relationship, suggesting that as the popularity of avocado toast soared, so did the interest in Science technologies/technicians programs. It seems that the millennial appetite for brunch has spilled over into the academic realm, or perhaps, this connection has been "smooth as avo-toast" all along!

Furthermore, the r-squared value of 0.9698937 suggests that a whopping 97% of the variation in the number of Associates degrees awarded in Science technologies/technicians can be explained by the increase in Google searches for 'avocado toast'. This finding leaves little room to pit seeds of doubt about the closeness of this relationship.

Importantly, the p-value of less than 0.01 provides strong evidence to suggest that the relationship we observed is not just the result of random chance. It is highly unlikely that such a strong correlation would have arisen by sheer coincidence, indicating that there is indeed something substantial about the convergence of these two seemingly incongruent trends.





**Figure 1.** Scatterplot of the variables by year

The scatterplot in Figure 1 illustrates the "ripe" and "smashing" positive relationship between the two variables. The plot showcases the upward trend in both the number of Associates degrees awarded in Science technologies/technicians and the frequency of Google searches for 'avocado toast'. It's as if science and brunch have come together in a glorious symbiosis - truly a case of "avo-goodness" being avo-lutionarily advantageous!

In conclusion, our findings "avo'cado" significant implications for understanding the intersection of dietary fads and educational pursuits. This study demonstrates that the allure of avocado toast extends beyond culinary delight and delves into the academic sphere, where it appears to have "avo-cados" influence on the choices of aspiring Science technologies/technicians students. We hope this research has shed light on the unexpected connections that can emerge from seemingly unrelated trends, and we encourage further exploration into the "guac-nectedness" of other curious phenomena.

## V. Discussion

The results of this guac-tastic study revealed a "smashing" connection between the number of Associates degrees awarded in Science technologies/technicians and Google searches for 'avocado toast' over the period of 2011 to 2021. Our research sprouted from the abundant literature review, which not only offered fruitful insights into the purportedly unrelated topics, but also seeded our curiosity for the intersection of science and brunch.

Perhaps the rise in avocado toast searches does indeed provide an indication of the "avo-great" time students are having in Science technologies/technicians programs. While some may find it far-fetched to draw a connection between a beloved breakfast treat and academic pursuits, the results speak to the undeniable "avocado-cy" of this relationship.

As pointed out by Smith (2015), the millennial dietary trends influencing organic and sustainable food choices could be intertwined with the educational preferences of this generation. Doe (2018) further buttressed our findings by highlighting the increasing demand for skilled professionals in science and technology fields. This hints at a deeper layer of richness in the avocado toast–Science technologies/technicians association.

The robust correlation coefficient and the high r-squared value point to a compelling alignment between these seemingly disparate variables, offering a "mash-tastic" picture of their interconnectedness. The p-value further avo-cates for the significance of our results, leaving no room to "pit" doubt on the relevance of this relationship.

It is "avo-catively" clear that avocado toast curiosity and an interest in Science technologies/technicians programs are not as unrelated as they might seem - they have "avo-lved" side by side, ripening into a correlation that is as "smooth" as well-mashed avocado. This study has not only turned the spotlight onto the unlikely fusion of millennial dietary tendencies

and science education but also "avo-cates" for the value of exploring unexpected intersections in academic research.

In light of the study's findings, it's apparent that the realm of academic inquiry can indeed present ripe opportunities for uncovering surprising connections. This study has laid the foundation for further exploration into the "guac-nectedness" of other curious phenomena, fostering an environment where unexpected research paths are not just encouraged but embraced. We invite future researchers to "avo-cate" for the exploration of seemingly unrelated trends and plunge into the delightful unpredictability of interdisciplinary exploration.

## **VI. Conclusion**

Our study has, quite literally, "avo-cado-d" the curious convergence of millennial dietary habits and educational pursuits. The strong and "smashing" correlation between the number of Associates degrees awarded in Science technologies/technicians and Google searches for 'avocado toast' certainly adds a flavorful dimension to the study of educational trends. It seems that the rise in popularity of avocado toast is not just a casual observation but has "avo-lluted" the academic landscape in unforeseen ways.

While some may find it hard to swallow the idea of a link between sophisticated technological degrees and a fondness for a particular green brunch item, the data speaks for itself - or should we say, "scoops" for itself? The "avoca-dynamic" relationship we uncovered is hard to ignore, despite the potential for skepticism both inside and outside the hallowed halls of research.

As much as we relish the opportunity to "guac" about our findings, it is clear that the "avoca-truth" has been revealed. It appears that the "peeled" back layers of our data have uncovered a tasty link between millennial dietary choices and academic pursuits in the field of Science technologies/technicians. The "avoca-final" conclusion, we argue, is that this relationship should not be dismissed as merely a "smashed" coincidence.

In light of these findings, it is clear that further research in this field would be nothing short of a "side-spli-avo". The specialty salad of data we have tossed together leaves little need for additional exploration into the "guac-nectedness" of Associates degrees in Science technologies/technicians and avocado toast. Our results are as ripe as they come, so let's not "avo-cadover" this ground any further. It would be no "avo-catastrophe" to leave this "mashed" potato-free of further investigations.