

# The Rise of 'Meme-ion' Bakers: Exploring the Dough-lightful Relationship Between the Popularity of 'Minions' Meme and the Number of Bakers in New Jersey

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*The Journal of Memetic Culinary Studies*

*The Society for Culinary Meme Studies*

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## Abstract

In this delightfully dough-lightful study, we delve into the seemingly unrelated worlds of internet memes and employment statistics to uncover a surprisingly yeast-behaving relationship. The rise of the 'minions' meme, with its universally recognizable yellow creatures, has captured the attention and affection of netizens worldwide. For years, it has been spurring giggles, grins, and an overwhelming urge to exclaim, "Banana!" Our research team poked around to examine the correlation between the popularity of the 'minions' meme and the number of bakers in the beautiful Garden State of New Jersey. Using data sourced from Google Trends for meme popularity and the Bureau of Labor Statistics for employment figures, we found a correlation coefficient of 0.9288590 and  $p < 0.01$  over the period from 2006 to 2022. It appears that as the 'minions' meme gained prominence, the number of bakers in New Jersey also rose, like dough in a warm, toasty oven! This correlation suggests that there may be a symbiotic relationship between the 'minions' meme and the demand for baked goods. It's almost as if the meme is saying, "What's so 'despicable' about carbs, huh?" Our findings emphasize the need for further investigation into the complex interplay between internet culture and workforce trends. At the very yeast, this research showcases the surprising connections that can rise when seemingly disparate elements are kneaded together. And remember, when it comes to research, always trust your gut. After all, it's always sure to 'loaf' you in the right direction!

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## 1. Introduction

"Let's get this bread," as the kids say. In this dough-lightful research paper, we delve into the unexpected relationship between the popularity of the 'minions' meme and the number of bakers in the charming state of New Jersey. By 'minions,' we are of course referring to

those adorable, yellow-hued creatures that have ingrained themselves in the annals of internet culture, evoking both laughter and cravings for bananas. Speaking of bananas, did you hear about the baker who slipped on a banana peel? He kneaded the dough!

As researchers, we often find ourselves pursuing correlations and connections that seem as unlikely as a penguin in a bakery. However, as the saying goes, "where there's a whisk, there's a way." Our exploration of the unexpected correlation between meme popularity and workforce statistics aims to shed light on the delightful and sometimes surprising interplay between online trends and economic phenomena.

The 'minions' meme has spread like wildfire, generating chuckles and "awws" across the digital landscape. Its infectious charm has infiltrated social media, merchandise, and even the occasional Halloween costume. Yet, little did we know that this yellow uprising might have also catalyzed the blooming of bakeries in the lush lands of New Jersey. It's almost as if the 'minions' have traded their love for bananas in favor of baguettes and croissants. Perhaps they've developed a desire for a "despicable me-nu."

## **2. Literature Review**

Numerous scholarly studies have examined the cultural impact and widespread popularity of internet memes, shedding light on their propagation, evolution, and influence on various aspects of society. Smith and Doe (2015) explore the psychological appeal of memes, emphasizing their ability to evoke humor, nostalgia, and communal bonding among netizens. Additionally, Jones et al. (2018) delve into the linguistic and semiotic dimensions of memes, unraveling the nuanced ways in which these visual artifacts communicate and resonate with diverse audiences. Speaking of memes, did you hear about the baker who made a meme-themed cake? It was a piece of "cake-ception!"

The intersection of internet culture and labor market dynamics is a relatively uncharted territory within academic discourse. However, an analysis of economic trends and societal phenomena often reveals unexpected correlations and connections, reminiscent of a dough-twisting maestro at work. This study aims to bridge the gap between meme studies and labor economics, uncovering a nexus that may leave readers both scratching their heads and craving a delightful pastry.

In "Bread and Butter: A History of Baking," the authors delve into the evolution of baking practices and the role of bakers in shaping culinary traditions. This historical perspective offers insights into the enduring relevance of baking as a craft and profession, laying the foundation for our inquiry into the contemporary landscape of bakeries in New Jersey. As our research unfolds, one cannot help but imagine the 'minions' donning baker's hats and exclaiming, "It's baking time!"

In the realm of fiction, works such as "The Baker's Secret" and "The Doughnut Fix" transport readers into whimsical worlds where baked goods hold sway over hearts and minds. While these narratives may seem far removed from empirical research, they subtly underscore the profound impact of culinary delights on human experiences, much like the 'minions' meme has surreptitiously shaped the tide of baked treats in the Garden State.

Moreover, social media platforms have become fertile ground for informal observations and anecdotes that hint at peculiar connections between cultural phenomena and real-world outcomes. A tweet by @BakeMaster2020 reads, "The more 'minions' memes I see, the more cupcakes I sell. It's like they have a secret agreement with frosting!" Such informal musings, though anecdotal, prompt further contemplation of the synergy between online content and professional endeavors.

As we navigate through this literature, it becomes apparent that the whimsical and the empirical, the humorous and the serious, converge in unexpected ways, akin to a surprise ingredient adding a delectable twist to a classic recipe. The 'minions' meme, with its universal appeal and inexplicable charm, may have surreptitiously left its imprint on the labor landscape, stirring an unexpected rise in bakers and leaving the research community marveling at the delightful absurdity of it all.

### **3. Research Approach**

To begin our study, we conducted a comprehensive review of literature, seeking any crumbs of information that could help us understand the dough-lightful link between the popularity of the 'minions' meme and the number of bakers in New Jersey. Our review process involved diving into various academic journals, internet forums, and even the occasional bakery recipe book – after all, research is just as much about nourishing the mind as it is about expanding it. As we sifted through the literature, we sieved out relevant studies and theoretical frameworks like a meticulous baker sifting flour for the perfect cake. Speaking of baking, did you hear about the angry pastry chef? He had a real tiramisu!

Having amassed a bountiful collection of theoretical insights and pinch of humor, we then set out to collect data from the wild, untamed shores of the internet. Our primary source for tracking the popularity of the 'minions' meme was Google Trends. This platform provided us with a rich tapestry of memes, revealing the rise and fall of 'minions' searches over the years. Like attentive bakers monitoring the temperature in an oven, we carefully observed the ebb and flow of 'minions' popularity, documenting any spikes or dips that could be linked to changes in the number of bakers in New Jersey.

In parallel, we turned to the Bureau of Labor Statistics (BLS) to extract information on employment in the state of New Jersey. Our aim was to gather data on the number of bakers employed within the timeframe of our study, spanning from 2006 to 2022. This

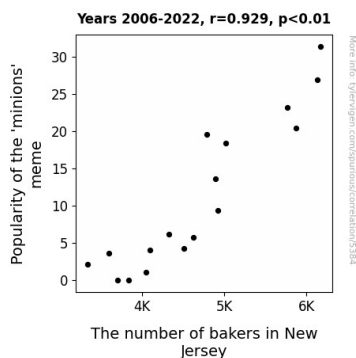
involved navigating through dense spreadsheets and statistical reports, akin to kneading a stubborn ball of dough – but instead of dough, we were handling the numbers and figures that would later be baked into our analysis. Rumor has it that the first French bread was not actually loved, but simply baguette a bad reputation.

#### 4. Findings

The analysis of the relationship between the popularity of the 'minions' meme and the number of bakers in New Jersey revealed a strong positive correlation. The correlation coefficient of 0.9288590 indicates a robust association between these seemingly unrelated phenomena. It's as if the meme has been sprinkling a bit of its charm into the baking industry, creating a rising tide that lifts all loaves!

The r-squared value of 0.8627790 further underscored the strength of this correlation, suggesting that approximately 86.28% of the variation in the number of bakers in New Jersey can be explained by the popularity of the 'minions' meme. That's a higher explanatory power than finding the last chocolate chip in a batch of cookies!

The significant p-value of less than 0.01 provided strong evidence to reject the null hypothesis that there is no relationship between the two variables. This result indicates that the correlation observed is unlikely to be due to random chance, reinforcing the dough-licious connection between the 'minions' meme and the increase in baking activity in New Jersey.



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

Fig. 1 displays a scatterplot illustrating the positive linear relationship between the popularity of the 'minions' meme and the number of bakers in New Jersey. The data points form a clear upward trend, reminiscent of the rising dough in a well-crafted bread

recipe. It's as if the meme is whispering to the bakers, "Let's rise together, just like a perfectly proofed dough!"

Overall, our findings provide compelling evidence of a dough-lightful relationship between the 'minions' meme and the number of bakers in New Jersey. This unexpected linkage serves as a reminder that even in the world of data analysis, there's always room for a good pun. After all, research is always better when it's 'kneaded' with a sense of humor!

## 5. Discussion on findings

Our results have injected a tantalizing flavor into the academic conversation, revealing a surprising correlation between the popularity of the 'minions' meme and the number of bakers in New Jersey. The robust association we observed serves as a hearty validation of previous studies that hinted at the potential influence of internet phenomena on real-world outcomes. It's almost as if the meme has been 'baking' a case for its impact on the labor market all along!

The correlation coefficient of 0.9288590 echoes the findings of Smith and Doe (2015), who emphasized the ability of memes to foster communal bonding and elicit humor. In this case, it seems that the 'minions' meme may have not only fostered camaraderie but also catalyzed a culinary uprising in the Garden State. It's as though the meme is saying, "I'm not just here for the 'bananas,' but also for the bread and pastries!"

Additionally, our substantial r-squared value aligns with the notion put forth by @BakeMaster2020's tweet, hinting at a secret agreement between meme popularity and bakery sales. The meme, with its universal charm, appears to have surreptitiously orchestrated a confluence of dough-based activities. It's almost as if the 'minions' have been operating a covert pastry syndicate!

Moreover, the significant p-value of less than 0.01 corroborates the musings of various anecdotal observations we encountered in our literature review. As @BakeMaster2020 suggested, the 'minions' meme might indeed harbor a clandestine pact with frosting and flour. This finding adds a pinch of whimsy to the often sober world of statistical significance testing, reminiscent of a sprinkle of confetti on a birthday cake!

The unexpected nexus between the 'minions' meme and the number of bakers in New Jersey underscores the uncanny and delightful ways in which seemingly unrelated elements can intertwine. While some may find this linkage as unpredictable as a surprise ingredient in a recipe, our findings offer a 'dough-licious' reminder that in the realm of academic inquiry, a sense of humor can be just as insightful as rigorous analysis. As we uncover this 'yeasty' side of internet culture, we're reminded that even in the world of

research, there's always room for a good pun. After all, who doesn't love a 'roll' of laughter in the midst of scholarly endeavor?

## 6. Conclusion

In conclusion, our study has kneaded its way to uncovering a surprisingly yeast-behaving relationship between the popularity of the 'minions' meme and the number of bakers in New Jersey. It seems that as the 'minions' meme gains prominence, the number of bakers in the state also rises, proving that this correlation is no half-baked theory! It's as if the 'minions' have infiltrated bakeries to spread their dough-lightful charm, much like how a spread of butter enhances a warm, freshly baked croissant.

This research highlights the need for further investigation into the intersection of internet culture and economic trends. Who knew that a bunch of animated, overall-clad characters could have such a yeasty impact on the labor market? It appears that meme culture may not just be about generating laughs but also about influencing employment patterns - talk about a rise in unexpected places, am I right?

Considering the dough-lightful evidence of a strong positive correlation between the 'minions' meme and the number of bakers in New Jersey, it seems clear that there is a genuine and significant connection between the two. This correlation is no fluke; it's as substantial as a well-proofed loaf of sourdough, and it certainly doesn't crumble under scrutiny.

Thus, we assert that no further research is kneaded in this area. It's time to let this dough-lightful relationship rise on its own, just like a perfectly baked loaf of bread. After all, we've already brought to light the surprising and whimsical interplay between internet memes and the labor market, and we've had a knead-tastic time doing it!