

Jon Erik Castro

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Code 10

### Plan for data retrieval and text analysis

In this code snippet, we harness the power of the Yelp Fusion API to conduct a comprehensive search for pizza places in my hometown city of Austin, Texas. The primary objective with this code 10 Mr. Calderon has assigned to us, not only have I learned how to unearth valuable business insights with this, I also am now able to effectively reach into customer reviews to gain a deeper understanding of the pizza dining scene in the city. By sorting the results based on ratings, the code ensures that we are presented with the crème de la crème of pizza establishments in Austin.

First, I am a pizza connoisseur and with this code it helps me give me and my pizza lovers into the top-rated pizzas in the city of Austin, Texas. The information retrieved from this search not only aids in pinpointing the highest-rated pizza places but also empowers us to scrutinize customer reviews for crucial insights. By applying text analysis techniques, we can gauge the sentiments expressed in the reviews, thereby ascertaining whether customers generally have positive or negative experiences with these businesses. Furthermore, delving into the most frequently mentioned words in these reviews allows us to identify common themes and aspects of the dining experience that customers tend to discuss, whether it's the mouthwatering pizza itself or the quality of service and ambiance.

Secondly, we see that the top rated pizza spot you should immediately check out once you visit Austin is the great Bat City Pies. They seem to have knocked off the top seed pizza joint Pizza Tova and has gotten great reviews like "This is the best Detroit style pizza in town" and "They are not stingy with the toppings and the owner takes pride in what he does and not just looking to make a dollar" which is what you want to hear from you're the top ranked pizza spot in Austin, Texas.

So in my humble opinion, this code snippet serves as a powerful tool for anyone seeking to make informed decisions about where to enjoy a pizza feast in Austin. It not only reveals the top-rated pizza joints but also offers a window into the hearts and minds of customers through their reviews. Whether you're a discerning diner in search of the perfect slice or a business owner aiming to enhance your offerings, the insights gleaned from this analysis can be invaluable. It underscores the importance of

customer feedback and the role it plays in shaping the dining landscape, ultimately leading to a richer and more satisfying culinary experience for all.