

# **Exploring Shifting Student Perceptions: A Comparative Analysis of Professor Reviews Before, During, and After the COVID-19 Pandemic and Open AI Introduction**

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**Abstract:** This research proposal aims to delve into the evolving landscape of student perceptions concerning professors in three distinctive eras: pre-COVID, during-COVID, and post the introduction of Open AI. By harnessing online reviews from RateMyProfessors.com, the study employs advanced analytical methods, including topic modeling and sentiment analysis. The central goal is to explore shifts in student sentiments, expectations, and overall views on class quality, unraveling the nuanced impact of external factors such as the COVID-19 pandemic and the emergence of Open AI. The acquired insights will offer a detailed understanding of how these pivotal periods have shaped students' attitudes towards their educational experiences. This comparative analysis provides a groundwork for educators and institutions to refine teaching approaches in response to the changing needs and expectations of students. The study contributes valuable insights to the ongoing conversation on the dynamic nature of student perspectives, offering practical implications for educators adapting to societal events and technological advancements.