

Multilinguistic Sentimental Analysis using AWS

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Abstract: Multilingual sentiment analysis is a technique that cracks the code of emotions across languages. It analyses written text, like social media posts or customer reviews, to understand if the overall tone is positive, negative, or neutral. This is particularly useful for businesses that operate internationally, as it allows them to gather insights from a wider audience that speaks various languages. Multilingual sentiment analysis is a technique that cracks the code of emotions across languages. It analyses written text, like social media posts or customer reviews, to understand if the overall tone is positive, negative, or neutral. This is particularly useful for businesses that operate internationally, as it allows them to gather insights from a wider audience that speaks various languages. This paper reviews the use of Amazon Web Services (AWS) for multilingual sentiment analysis, exploring the underlying technologies, advantages, challenges, and performance benchmarks. We discuss the architecture for implementing such solutions and examine real-world applications. The paper highlights how AWS's cloud services simplify the deployment of scalable and efficient sentiment analysis models, making them accessible for a global audience.

Keywords: Multilinguistic sentimental analysis, Amazon comprehend, Language detection, Customer feedback analysis, Amazon Web Services

