

TikTok

Abdelrahman Alqablani

Overview

TikTok seeks a way to use machine learning to extract claims or propositions within TikTok videos and comments and classify each data point as a claim or opinion.

Problem

The main problem is the lack of an automated system to accurately classify TikTok videos as claims or opinions at scale.

Solution

Use a machine learning model to automate claim and opinion classification at scale.

Details

I began by examining the dataset structure to understand the types of variables available and how they relate to the project objective. I assessed data quality by checking data types, distributions, and potential anomalies, and reviewed key engagement metrics such as views, likes, comments, and shares. This initial inspection helped identify patterns associated with claim and opinion videos and evaluated how suitable the dataset is for building a machine learning classification model.

Next Steps

The next step is to clean and prepare the data, engineer meaningful features, and develop and evaluate a machine learning model to accurately classify videos as claims or opinions.

