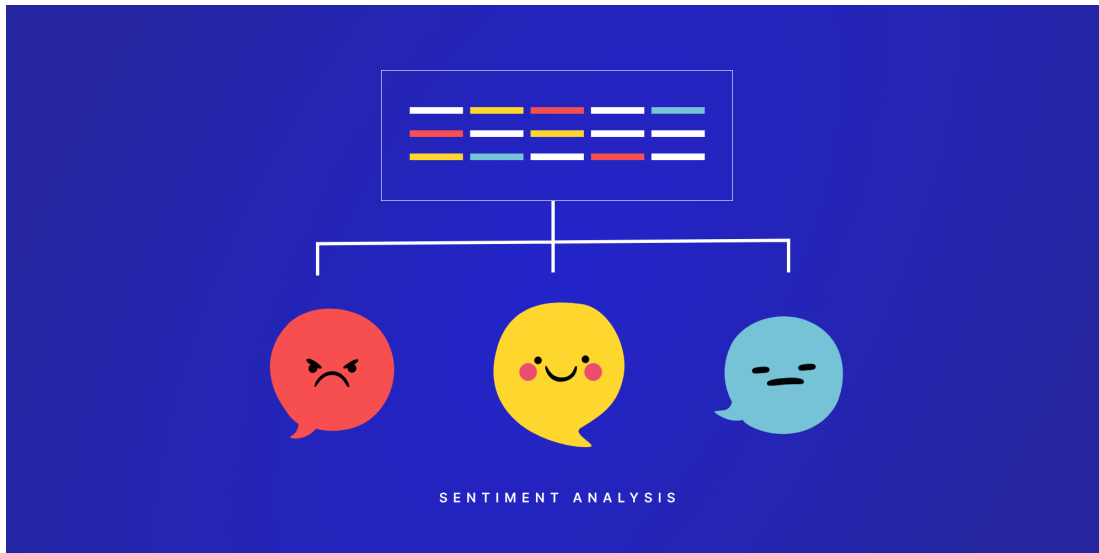


## Exploring Public Sentiment towards Artificial Intelligence



AI is one of the most powerful, exciting, and important new forces of the last few years. As such, it is incredibly important to see how the public responds to this new factor in people's lives. Sentiment on AI is able to be collected through taking tweets from X and analyzing for their sentiment. With huge moments in the last few years that have changed how people see AI, like the launch of Chat GPT, there is much to explore.

With this capability, you are able to better understand and explain how the public views AI. Your job, as a data scientist trying to understand trends in sentiment, is to find important patterns in why and how sentiment has changed regarding AI over the last five plus years. It is important for not only public knowledge, but also to better inform public policy and company investments to understand how the people have viewed AI.

You must create a sentiment model to analyze tweets from the last few years to look for trends in the data. You must create a written documentation of your model, as well as any patterns you find that are worth sharing. Your research will prove invaluable to showing the world what it thinks about this new technology that we must all learn to live with now.

GitHub Repository Link: [https://github.com/splitneutron/CS3-Case\\_Study/tree/main](https://github.com/splitneutron/CS3-Case_Study/tree/main)