Topics

Topic 1: Sentiment Analysis on the same news article across multiple outlets

We often read news articles across multiple outlets to get the complete story of an event in time. The idea of this project is to use sentiment analysis to see how different outlets cover the same topic differently. This would tell us, how the article is trying to steer the emotions of its readers.

References

1. (Alrumaih et al., 2020)
2. (Li et al., 2014)

Topic 2: Travel without Drivers

A comprehensive study of how autonomous vehicles, the internet of things, and existing traffic laws. I wish to answer questions like, how feasible is autonomy in the vehicular mode of transportation? Carbon neutrality and a world without traffic and how will it take to get there. This project requires a lot of reading of autonomous road vehicles, flights, naval travel ships, and speed of automation.

References I started with:

1. (Lu et al., 2021)
2. (Chao et al., 2019)

Topic 3: Automation and education

Automation impacts our jobs every day. But how does it affect the next generation of students and teachers? Automation impacts every generation differently; current jobs are either highly technical or not at all. What happens when one of those areas is deemed worthy of automation?

References so far:

1. (Estlund, 2018)
2. (Ramaswamy, 2018)

Comments:

For now, I have chosen the topic of travel without drivers (topic 2). I have yet to read a lot about this topic, but the connected eco-structure around automated vehicles fascinates me. How road conditions, weather conditions, technical limitations, etc., come into play would be a great research topic. Also, not everyone is aware of the automation which already has stepped into our day-to-day, it would be an insightful area for research.

Bibliography

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