Media Image: (See attachment)

Title: Project Paradigm Chatbot

Want to know which article published today has the biggest potential to impact the price of Bitcoin in real-time? Connect with our chatbot!

Every day, hundreds of cryptocurrency-related articles are being published across numerous forums and media companies, but only a few of those articles are unusual and impactful toward cryptocurrency prices. We want to empower investors across the globe with a **real-time chatbot** that can help them select and analyze articles that are the most impactful to the cryptocurrency they want to invest in. Our chatbot makes it extremely easy for anyone to find impactful articles; just simply tell our chatbot the cryptocurrency you want to know more about. Our system will do the hard work of sourcing news articles, ranking them by importance with a neural network, and presenting our analysis in the most user-friendly way within seconds.

Our chatbot is connected to a deep **LSTM network** that we have trained with tens of thousands of cryptocurrency-related articles that we scrapped from the internet using the latest GPU-accelerator on **Google Cloud Colabatory** for days. Our chatbot is built on top of **Facebook Messenger API** and **News API**. Our development team is continuously building more features to our chatbot such as **personalization** and implementing more advanced models such as **transformer** and **pre-trained GPT2** models to provide a more comprehensive analysis to the users. Stay tuned for updates!

Github Repo: https://github.com/shun-lin/project-paradigm-chatbot

Glitch Repo: https://glitch.com/~synthetic-feature-engineering