



100%

Normal

Arial

11

B

I

U

A



2 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



Neyret *Marin*, Bouhnik *Raphaël*, Clemenceau *Benoît*, Rietsch *Lucas*
December 2021

Big Data Project

Machine Learning: Crypto Price Prediction Model

1. Use Case Description

Artificial Intelligence and machine learning are infiltrating every facet of human life. Cryptocurrencies aren't any different. However, cryptocurrencies are extremely volatile and unpredictable. Even people can make mistakes when it comes to forecasting. So how are machines capable of such feats?

To verify the veracity of the same, several examinations, inquiries, and trials have been undertaken. Although it hasn't been widely implemented yet, speculations suggest that it will be fully functional soon. Perhaps not tomorrow, but certainly soon.

Popular forecasters and platforms are already using machine learning technology to deliver real-time crypto market price variations. These forecasts are thought to be quite accurate and reputable. The automated methods ensure that you receive real-time predictions for improved trading and investment results.

2. Presentation of the technologies involved

a. MLflow

MLflow is an open source platform to manage the ML lifecycle, including

