

Buy / Keep / Sell recommendation BOT for Bitcoin



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OUR TOPIC



SELECTED TOPIC

Our team has decided to build a forecasting model to provide recommendations for intraday bitcoin purchase or sale.

WHY?

Cryptocurrencies are a topic worth following today, due to both the financial & technological implications they promise. And, in order to build our forecasting model we will need to apply several of the skills learned through the Bootcamp (i.e. SQL, Python, and Machine Learning), while understanding the real life implications of the selected Financial Indicators.

OUR DATA SOURCE

- We will extract .csv files through REFINITIV[®] an existing Financial **EIKON** analysis platform
- These will include price & volume data points for Bitcoin, in 30 minute intervals, for the last 1 ½ years. Providing us with over 17,000 data points for each variable.
- We will leverage 2 complementary Financial indicator analysis (MACD & Bollinger Bands) to generate our recommendations.



QUESTIONS TO BE ANSWERED



Our tool will provide one of 3 outcomes, based on the outcomes & interpretation of the financial indicators analysis:

- **BUY Bitcoin NOW**
- **KEEP your current Bitcoin**
- **SELL your Bitcoin NOW**