



# WIEHACK 3.0

Theme

Financial Technology

Team Name

CryptoSquad

Participants

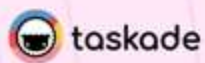
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College

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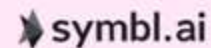
## Event Partners

CHIEF EDUCATION PARTNER **INFIGON**



balsamiq

SPYSE



# ABSTRACT



A Crypto-Currency is a digital currency that is secured by a process called cryptography, which makes it nearly impossible to counterfeit or double-spend. Many crypto currencies are decentralized networks based on Block chain Technology.

Many investors, especially those who are new, find it difficult to gather information about crypto currencies. In India, people are not much aware of digital currency which is the future of finance. We all have to keep up with this fast-paced world. Thus, our goal is to appreciate and identify daily trends in the Crypto market while gaining insights into optimal features. The data set consists of various features relating to the Crypto-Currency price and fetch the trading exchange real-time data rate in USD, from 2018 to the current day's previous day. Our analysis will also compare various Crypto-Currency available in the market based on their price and popularity. We also have informative web pages of the 7 most popular crypto currencies around the world. These pages give brief insights into each crypto currency. Blogs and the latest news are also available. Meme lovers can also enjoy in this web page since we have dedicated a page only for memes related to crypto currency. We also aim to predict the price of Crypto-Currency based on previous trends using an ML model. Crypto-Currency price prediction attempts to predict the price accurately taking into observation the various factors that affect the Crypto-Currency value.

Our Tech Stack includes **HTML, CSS, Bootstrap, JavaScript, Django, Pandas, numpy, seaborn, matplotlib, tensorflow, keras and Tkinter.**

Hence, our model will help various traders to get details about various Crypto-Currency's history along with the prediction for the future that can make their trading and investment easy. Also, people who are new to this field can gain information and keep up-to-date with the market and latest news.