Kryptonics

Hello!

This is team Pandas

We are here to showcase our project - “Kryptonics” is a ML based assist app which helps you to get the best crypto’s to invest.

Theme: Blockchain + ML

1. Problem Statement

Why did we choose this project?

There are numerous ways to invest in a stock market... But! Don't you think it's differs from region to region and the market is quite saturated and common?

So we came up with Kryptonic a unique WebApp that lets you compare different cryptocurrencies and suggests a personalised cryptocurrency for a given amount of time, based upon a Machine learning model... and all of it happens real-time!

1,200,000,000$

That’s a lot of money invested in cryptos - 1.2bn $

42,290,501 users

And a lot of users

328,300 transaction

Daily (of bitcoin alone)

Then Why?

Why is not everyone investing and buying cryptocurrency?

Because most of the people think its too complicated to understand & much more unpredictable in accordance with stock market !

Reference : https://www.finder.com/uk/why-people-arent-buying-cryptocurrency

Which brings us to

Kryptonics : A simple web app which will assist you in deciding in which cryptocurrency to invest by making future predictions !

Kryptonic

WebApp hosted on azure developed NodeJS and React

Features

Fully Developed and Hosted on ***Microsoft Azure.***

Using Web App module to host our app, machine learning model is deployed on a virtual machine and code was created on the notebook.

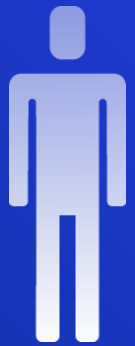
Features

The app works on live data and generates a personalized ML model for each coin based on its history, the live api we are using “CryptoCompare” has a 98% Up rate.

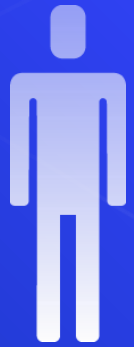
Novelty

We used Facebook's prophet algorithm for time series data as it takes in account for season, weekday, holidays which are variables in predicting in such a problem.

Team



Naman Bansal



Swapnil Panwala

Aniket Chowdhury

Sachin Khandelwal

Extra resources

Repo: github.com/psifrous/Kryptonic

Website: mlh-jaipur.azurewebsites.net

Thanks!

Any questions?