



# FinTech Capstone Final Project



# CRYPTO FTX 2.0

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Yulianna

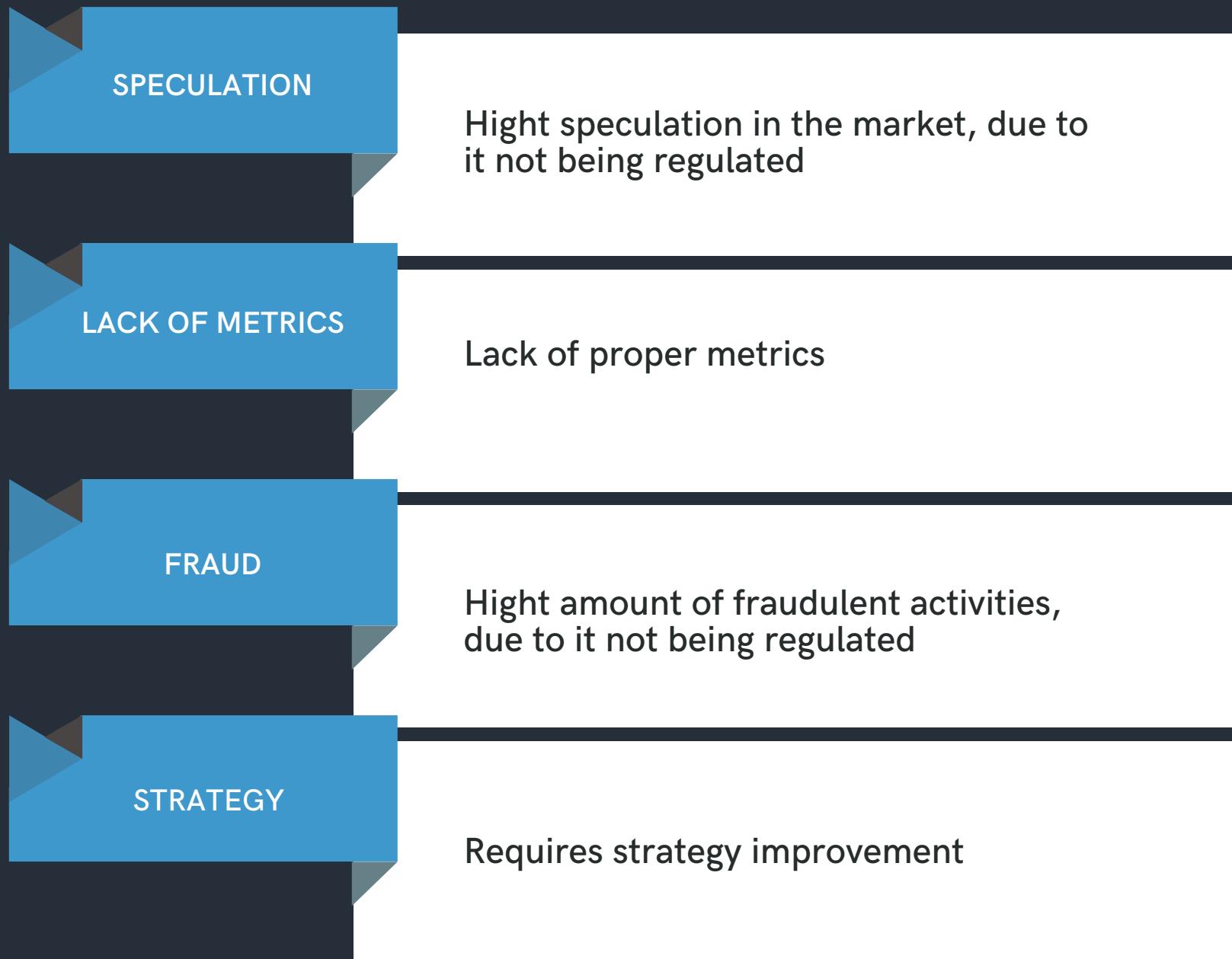
A solution for crypto currency analysis  
and prediction



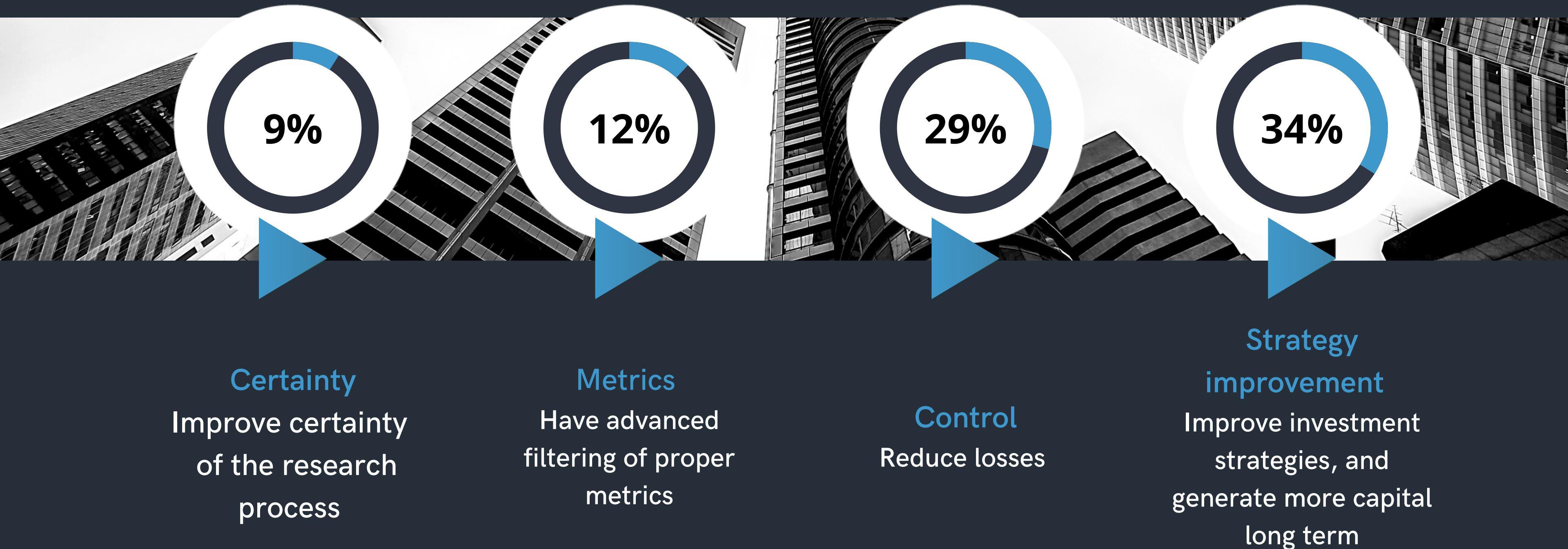
# Executive summary

Presentation is focused on an investment tool to improve crypto strategy and portfolio creation with the implementation of data to perform analysis and make predictions. The solution is presented with Python, Pandas, Bokeh, Prophet, Streamlit technologies. We interpret data in ways for clients to further make appropriate investment decisions.

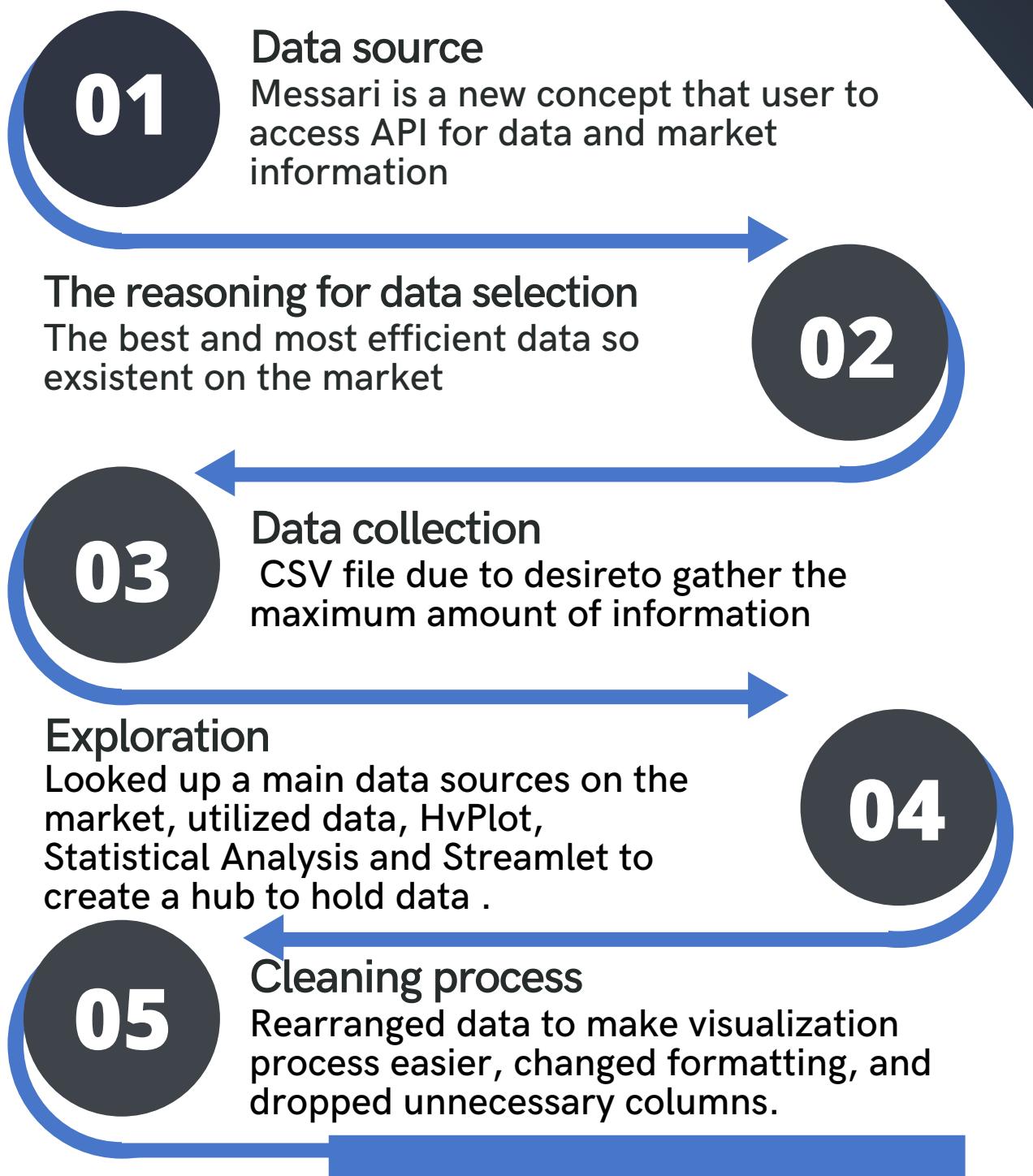
# Executive summary



# Goals

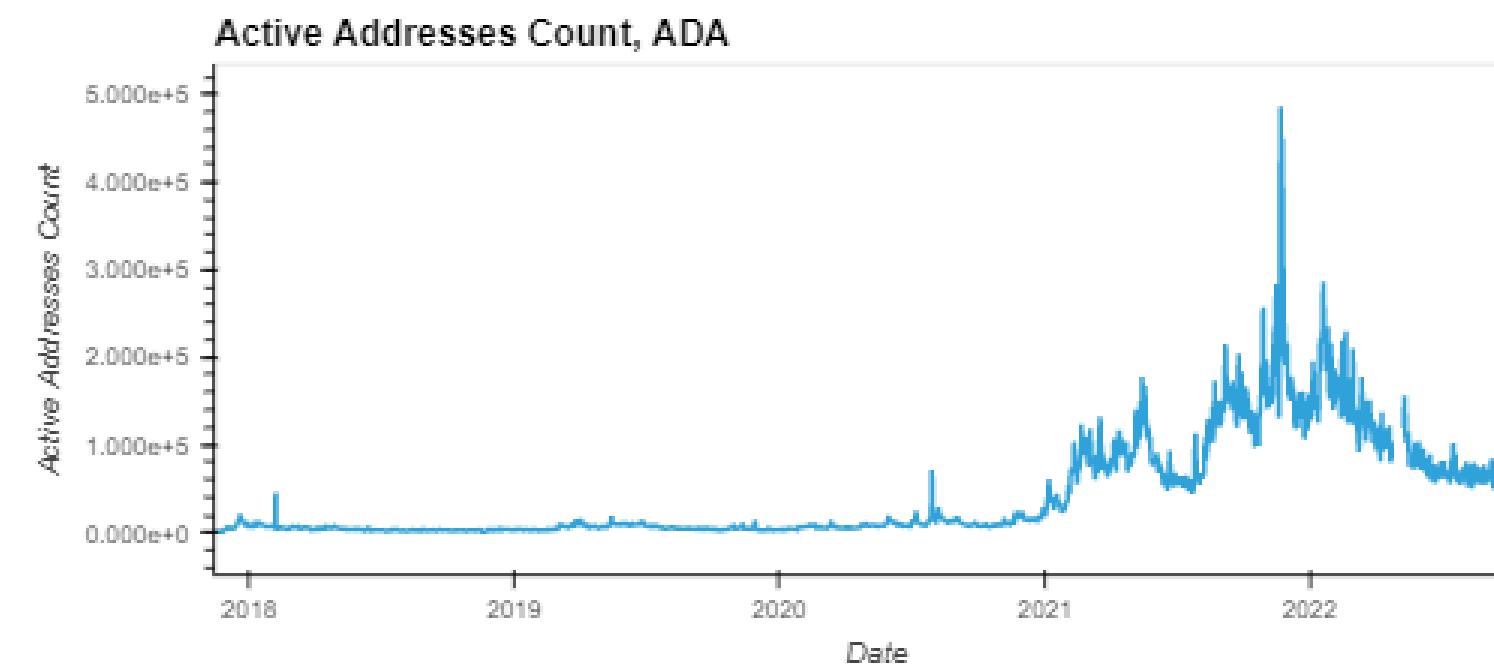
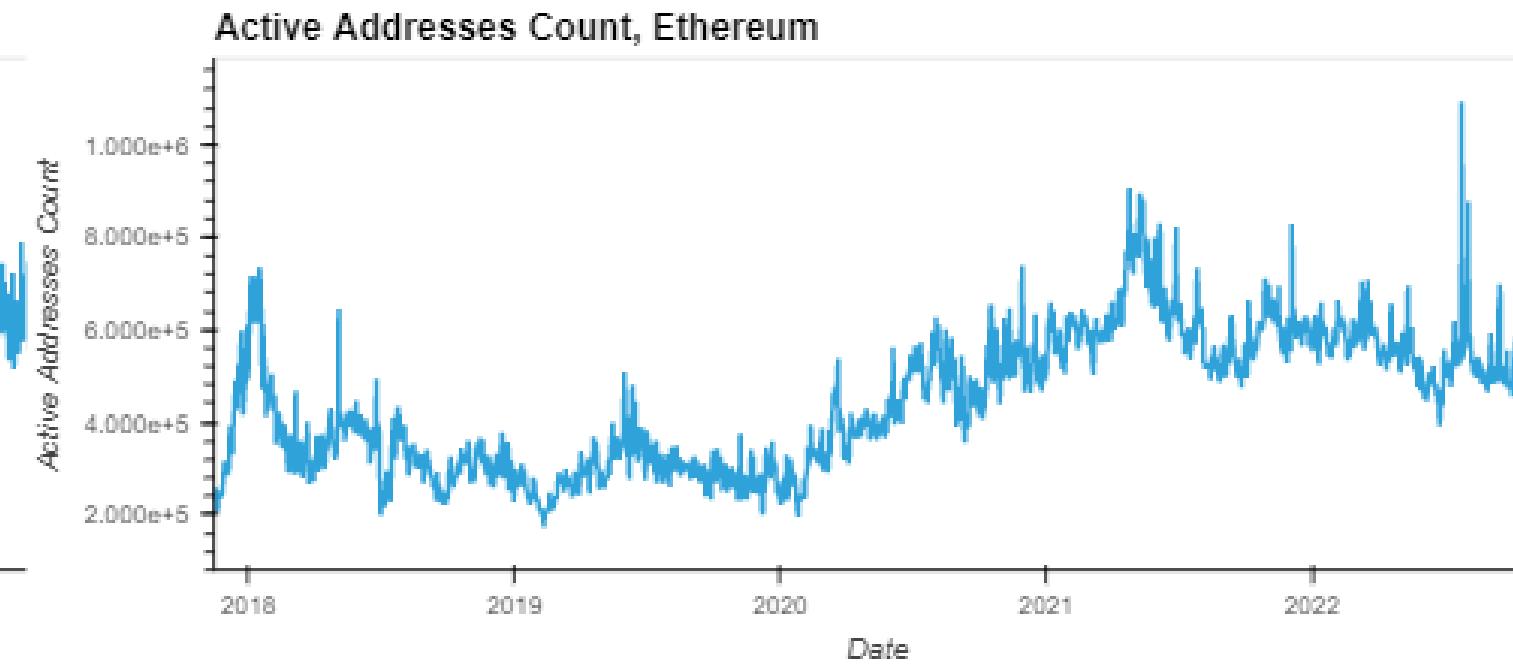
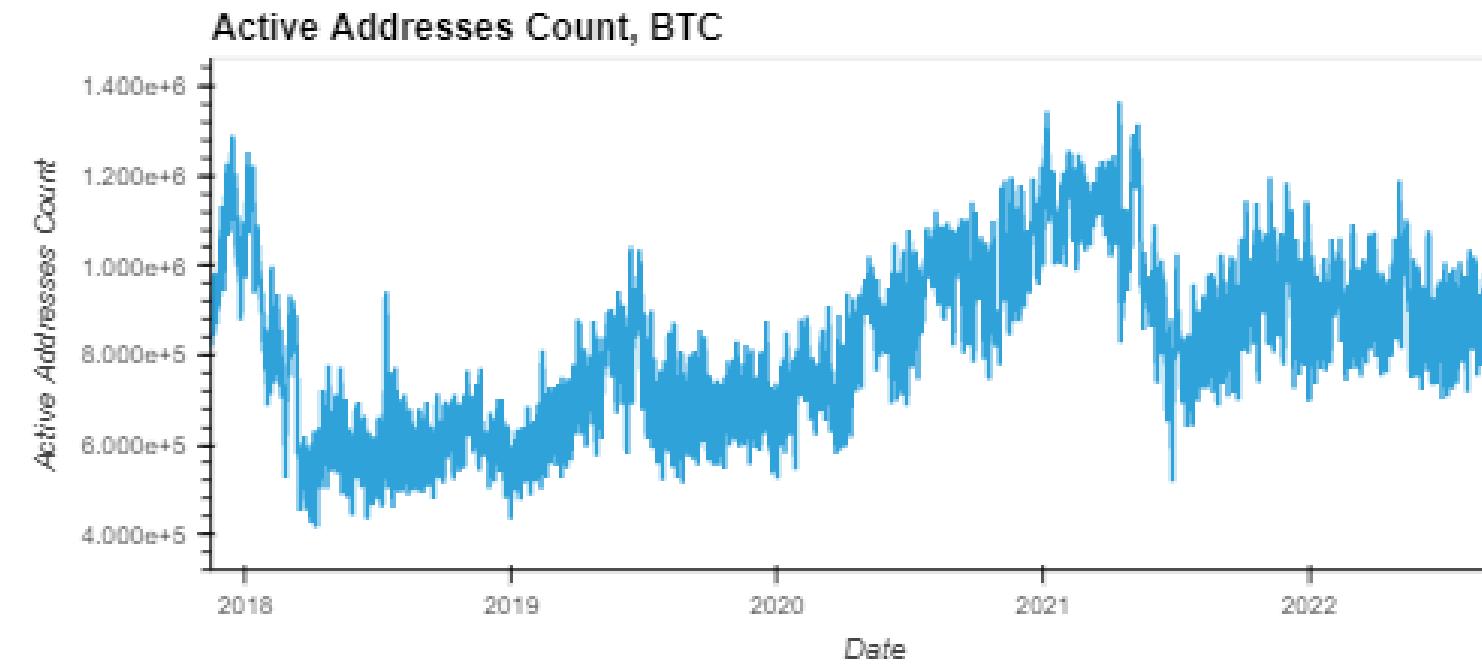


# CRYPTO Prediction

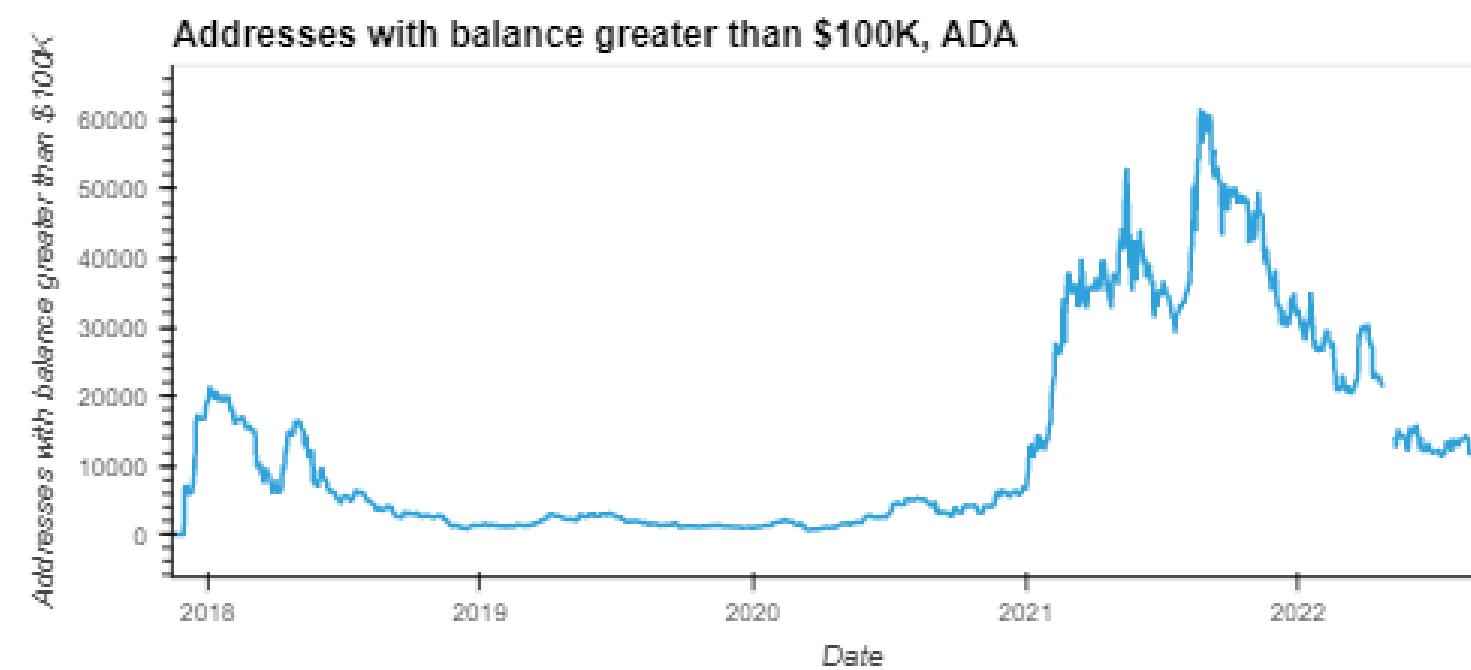
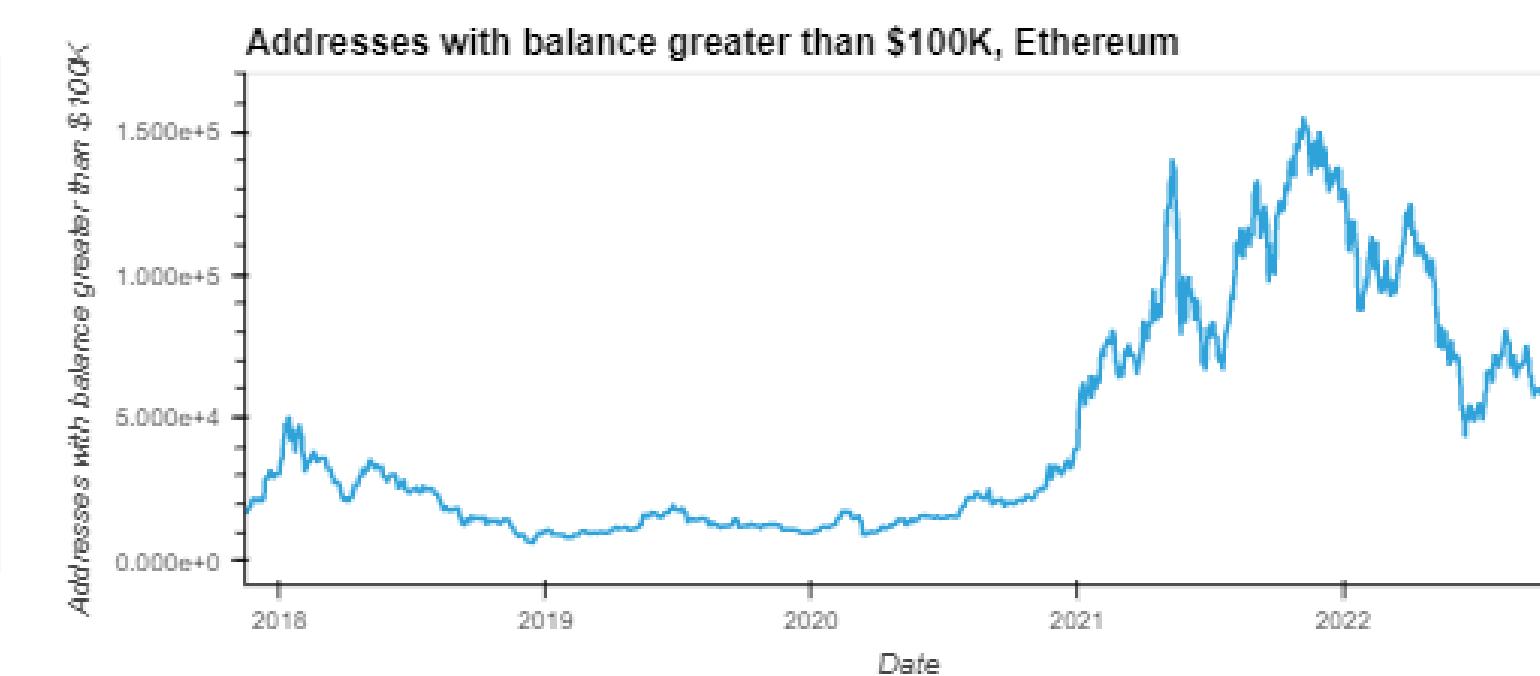
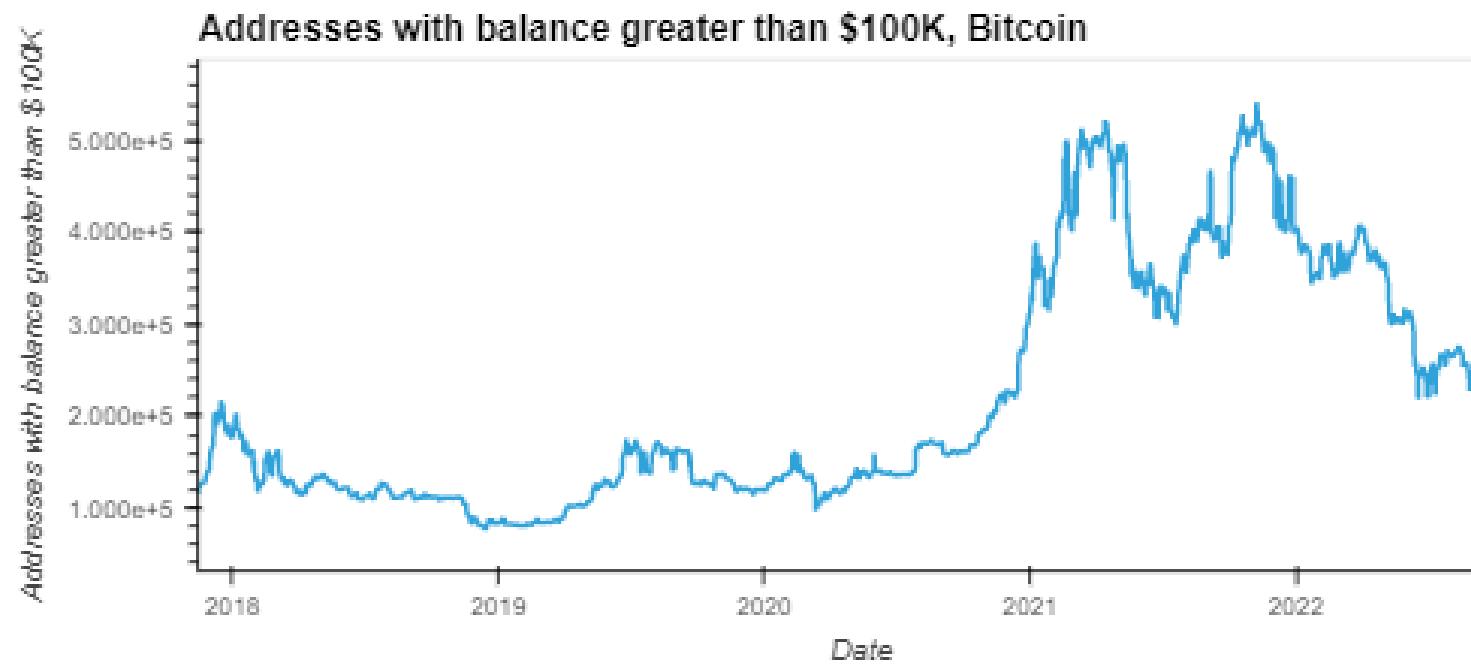


Collected the CSV data to further display key components and metrics to perform efficient decision-making for investment strategies ands reduse speculation.

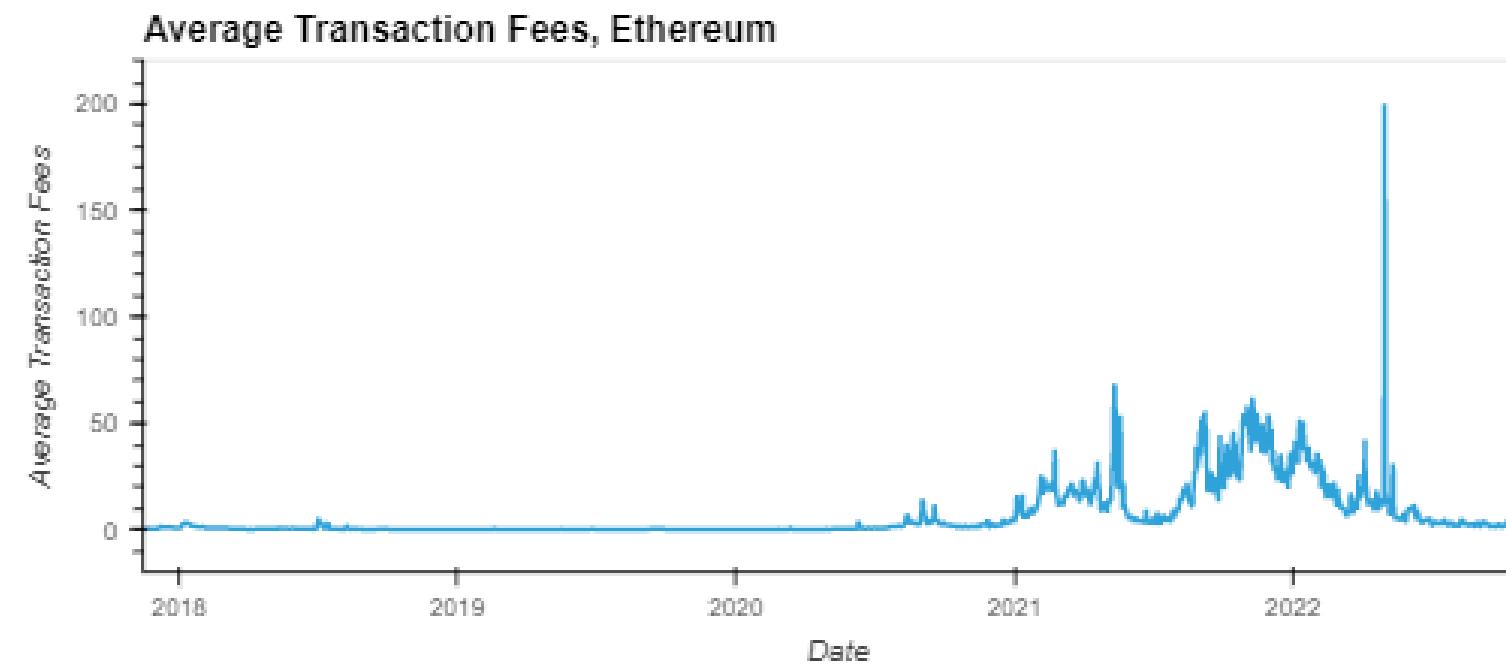
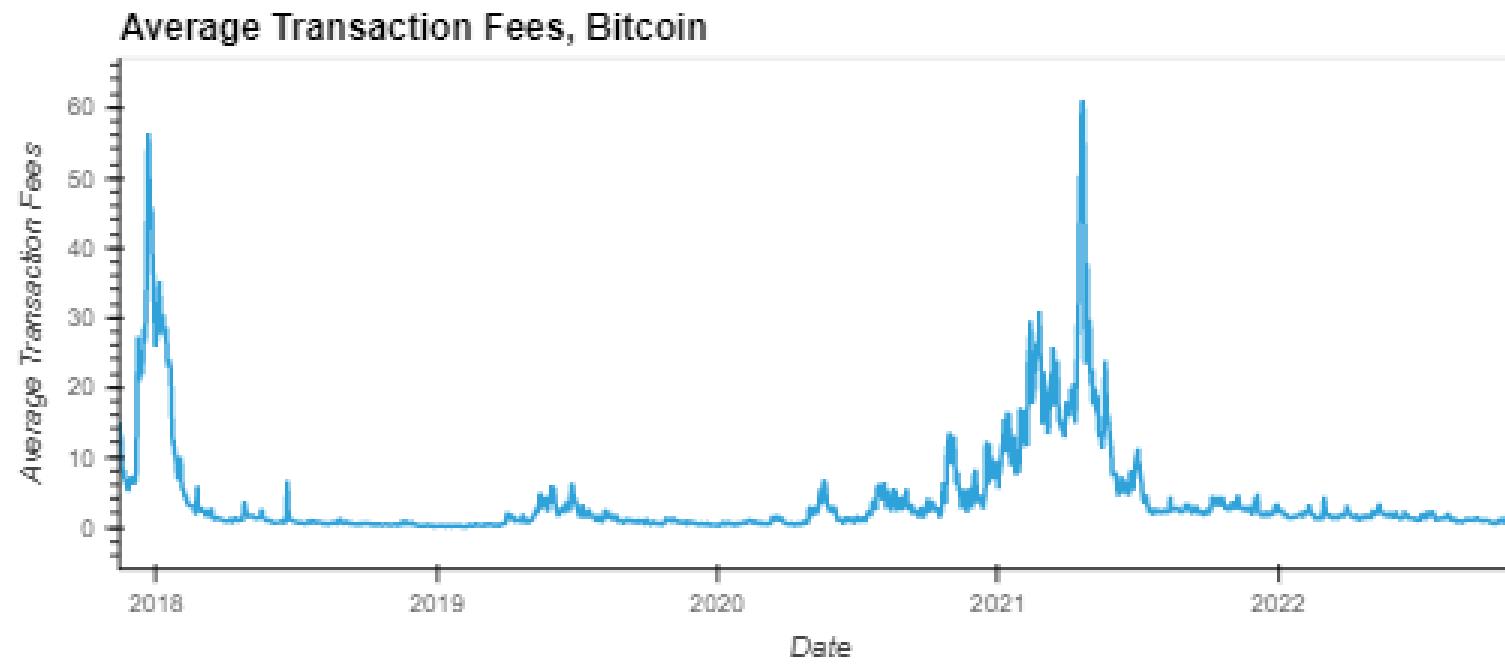
# All three, Active Address Count



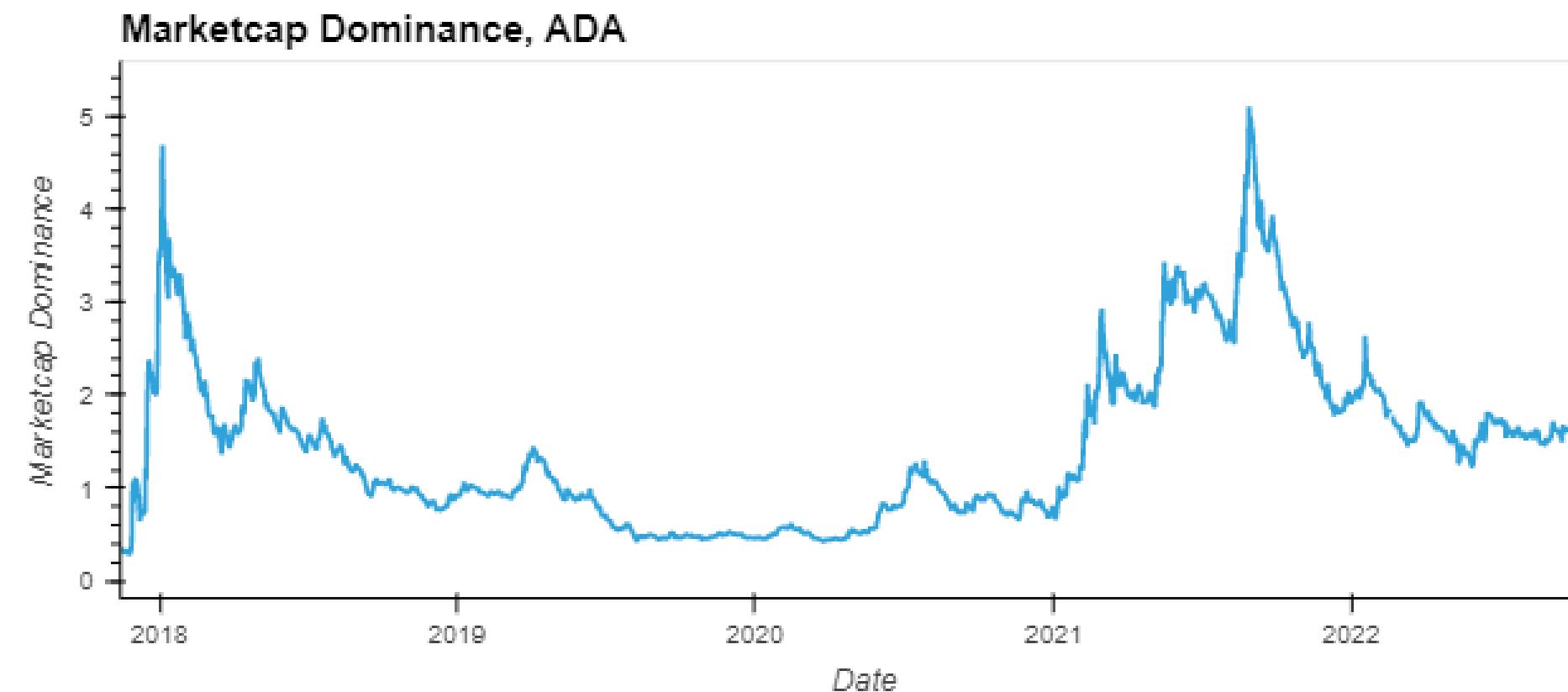
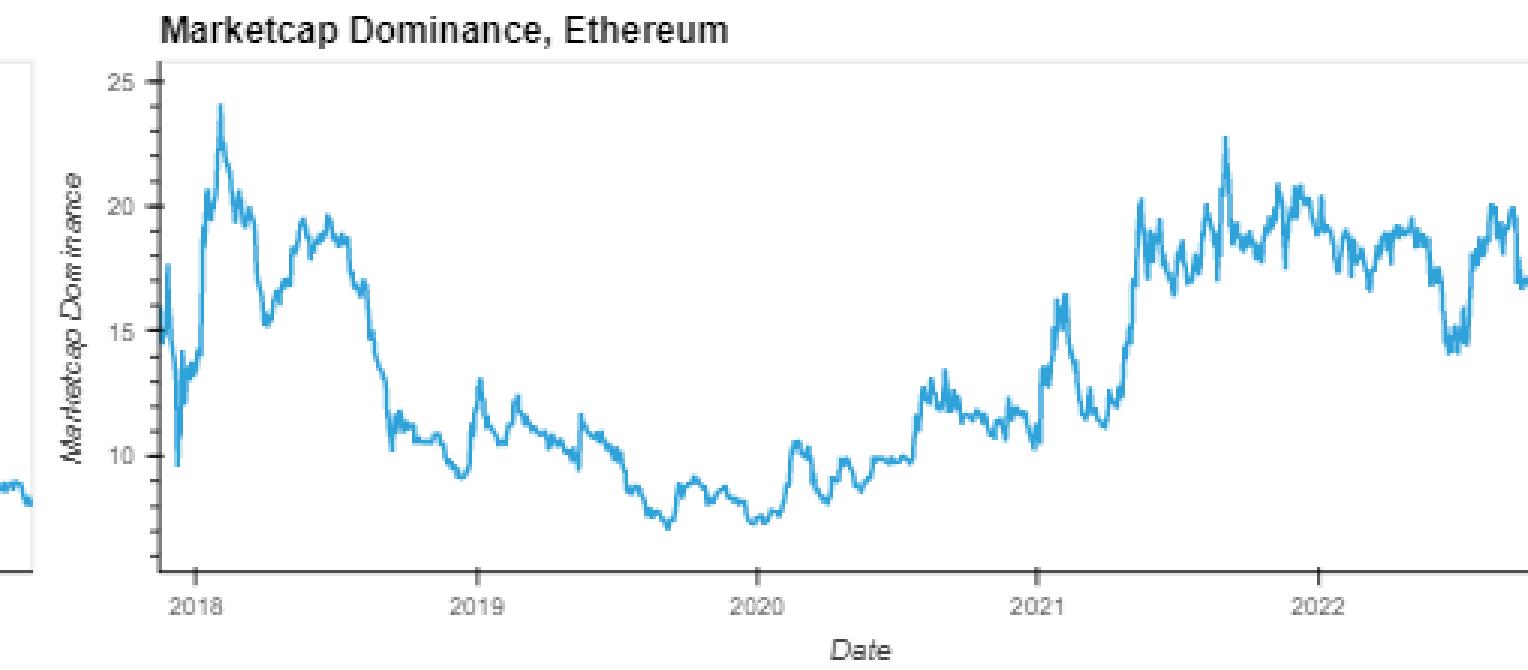
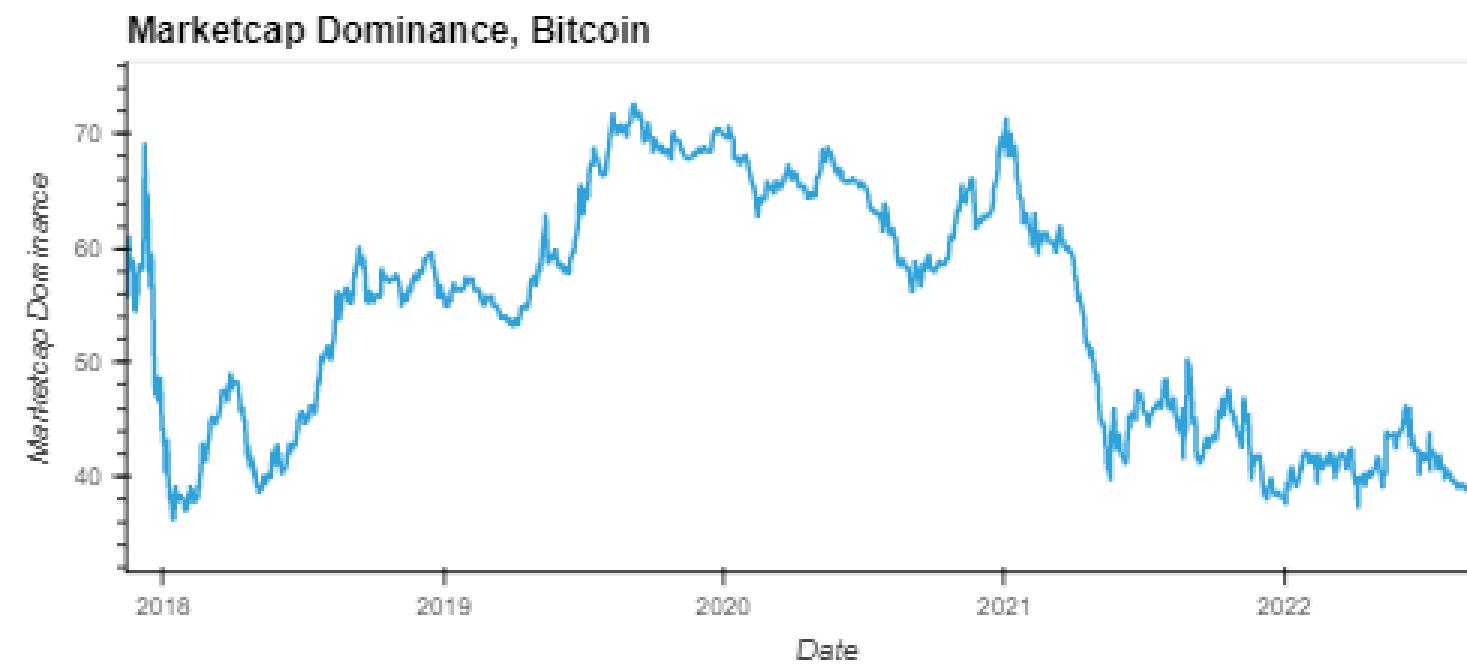
# All three, addresses with balance greater than 100k



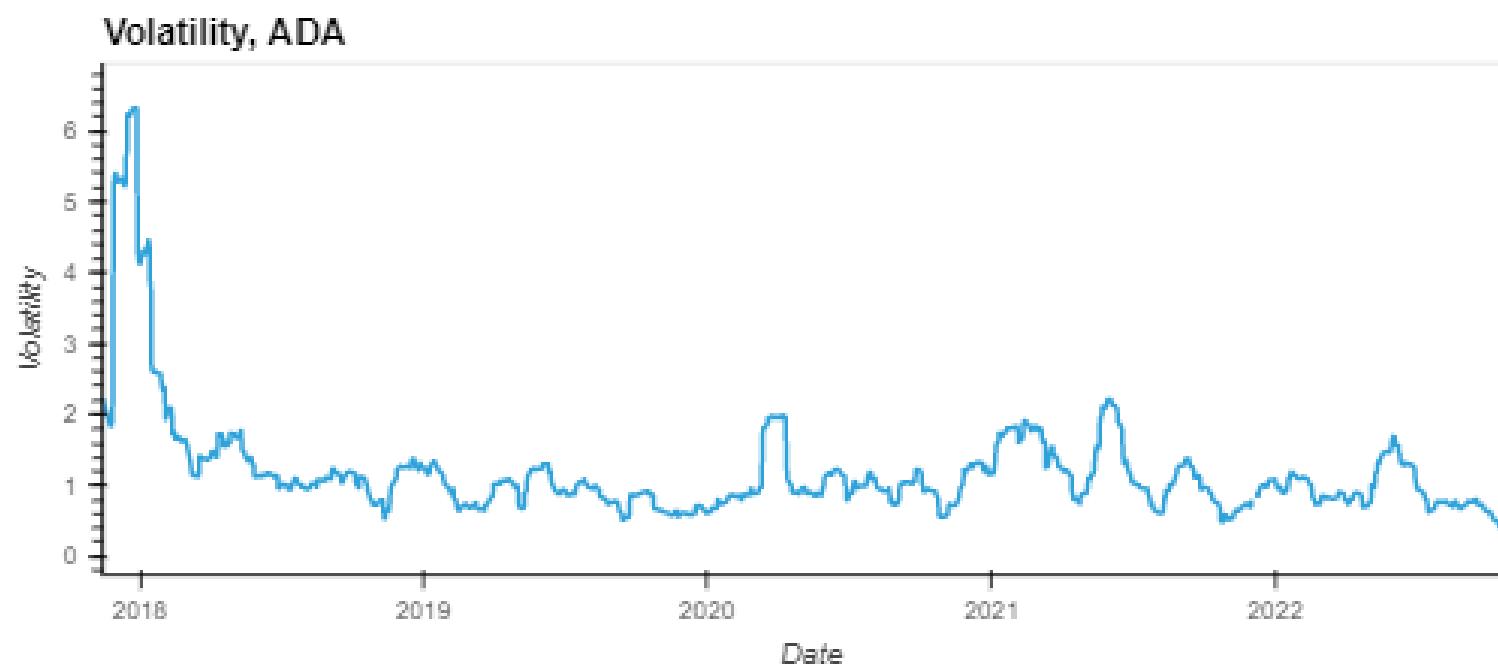
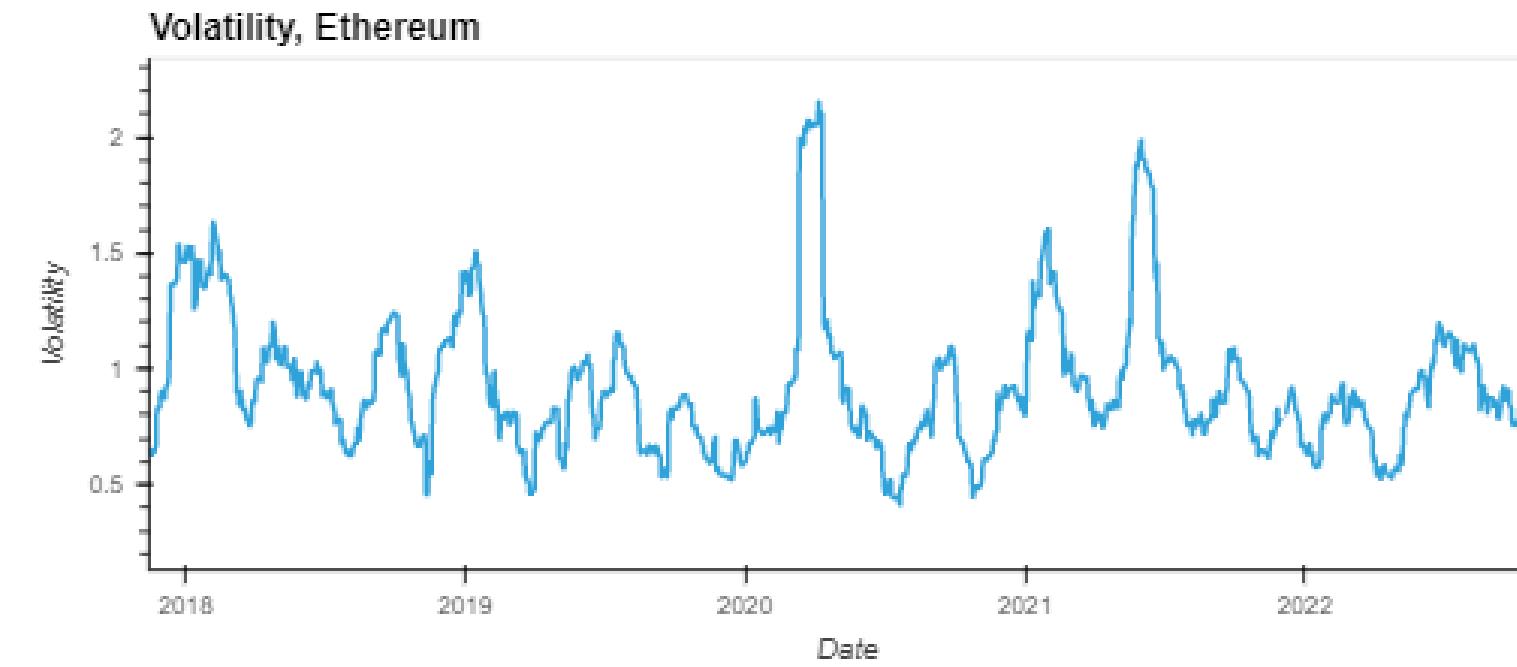
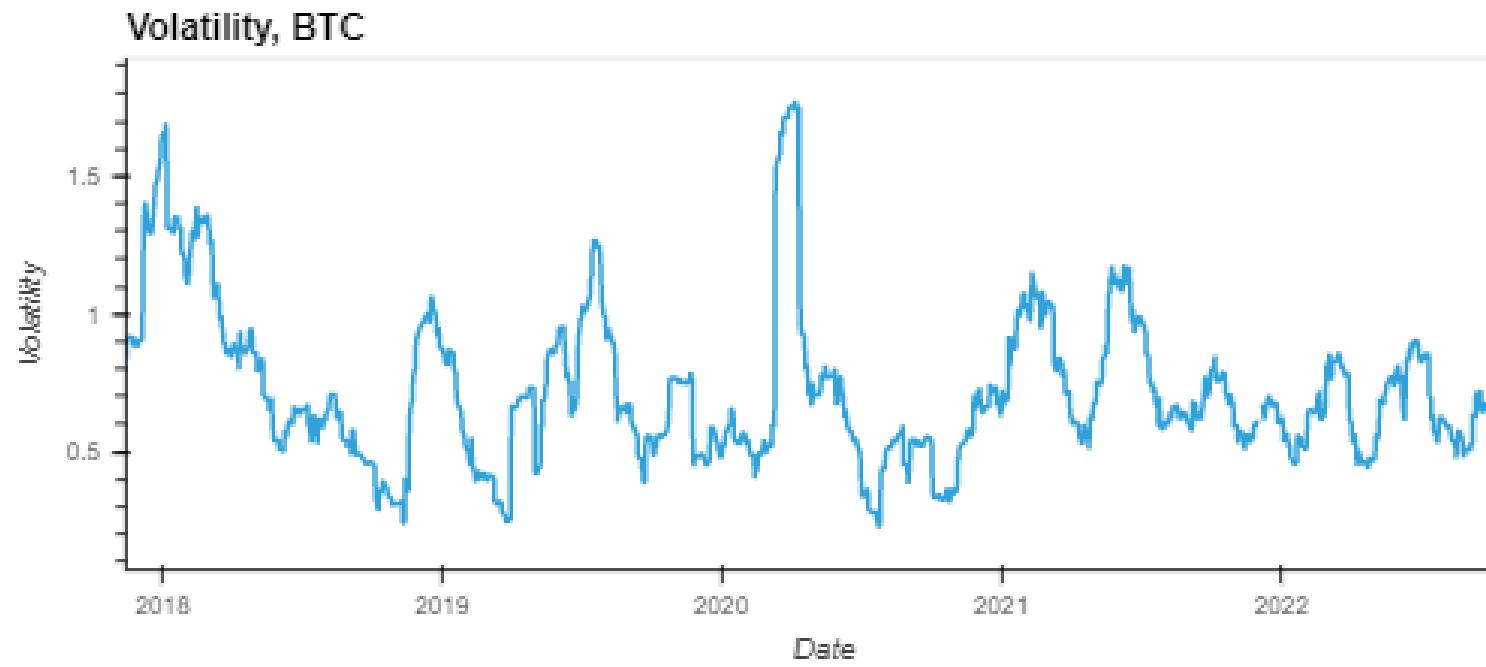
## Average Transaction fees, all three



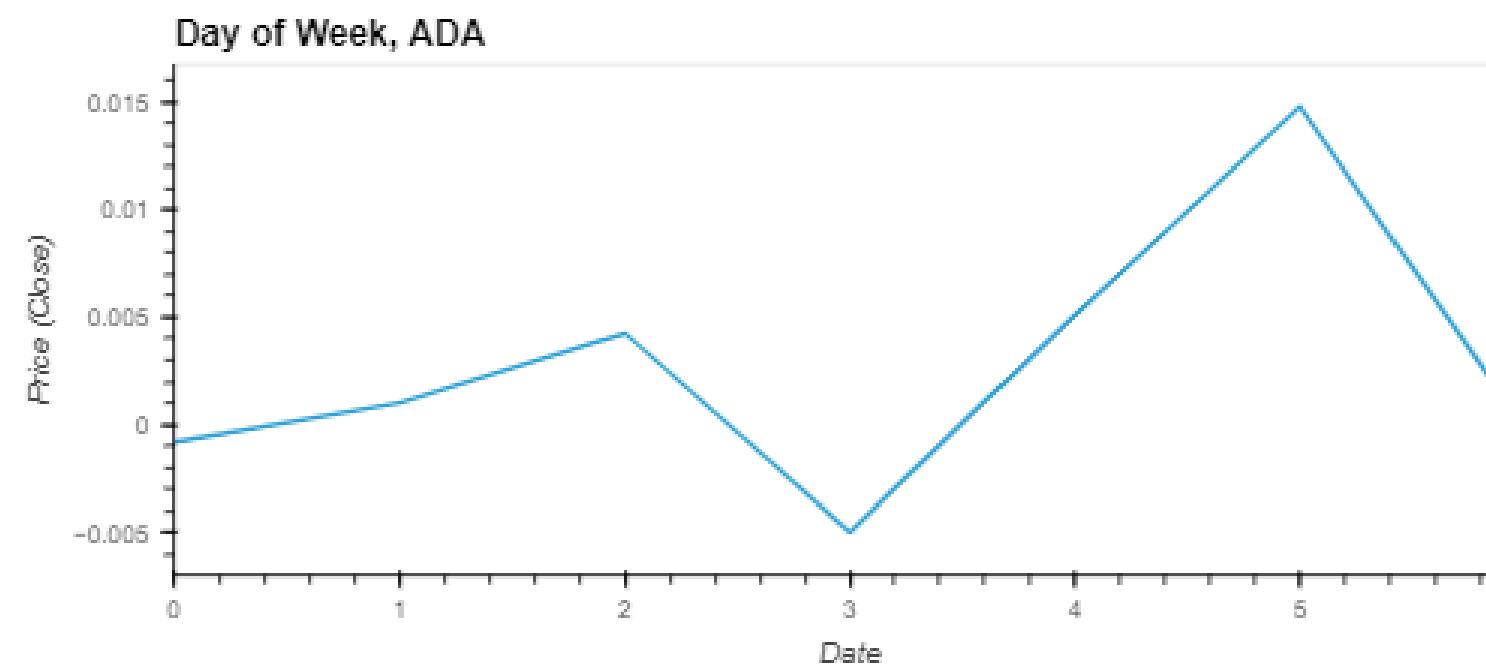
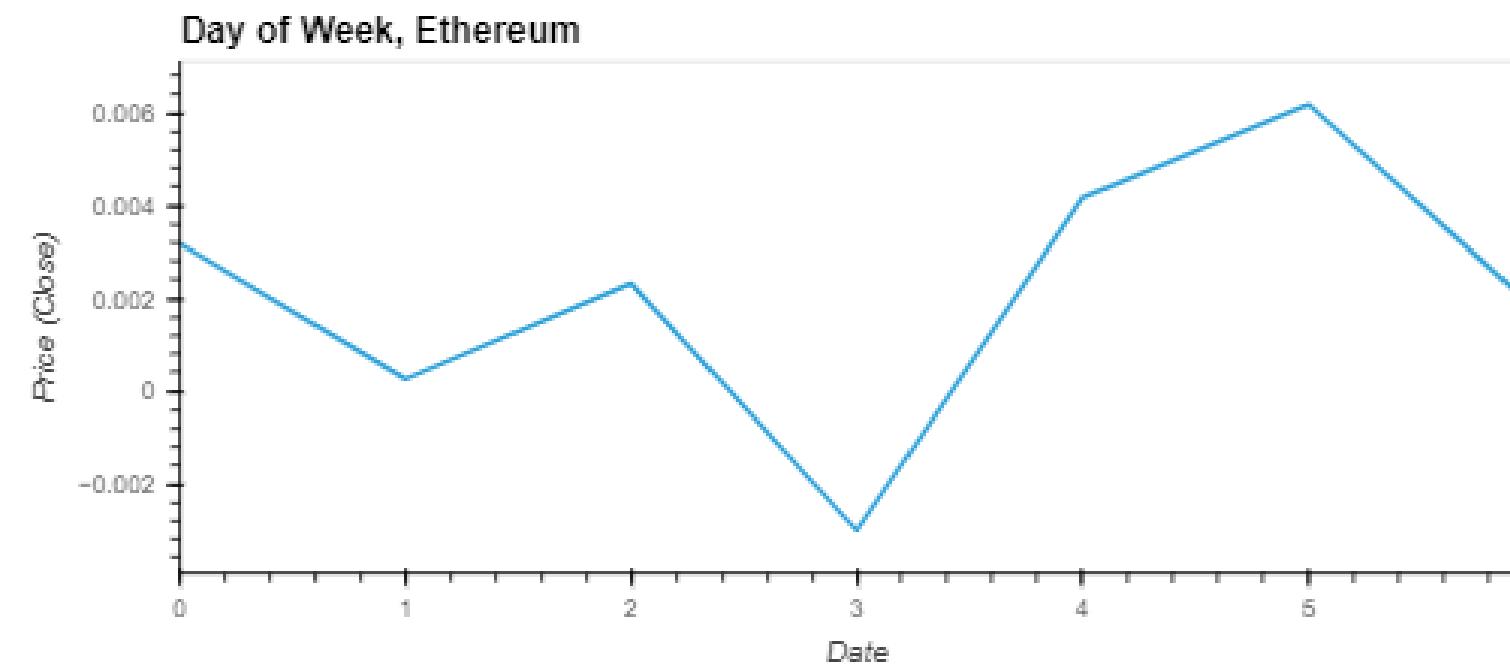
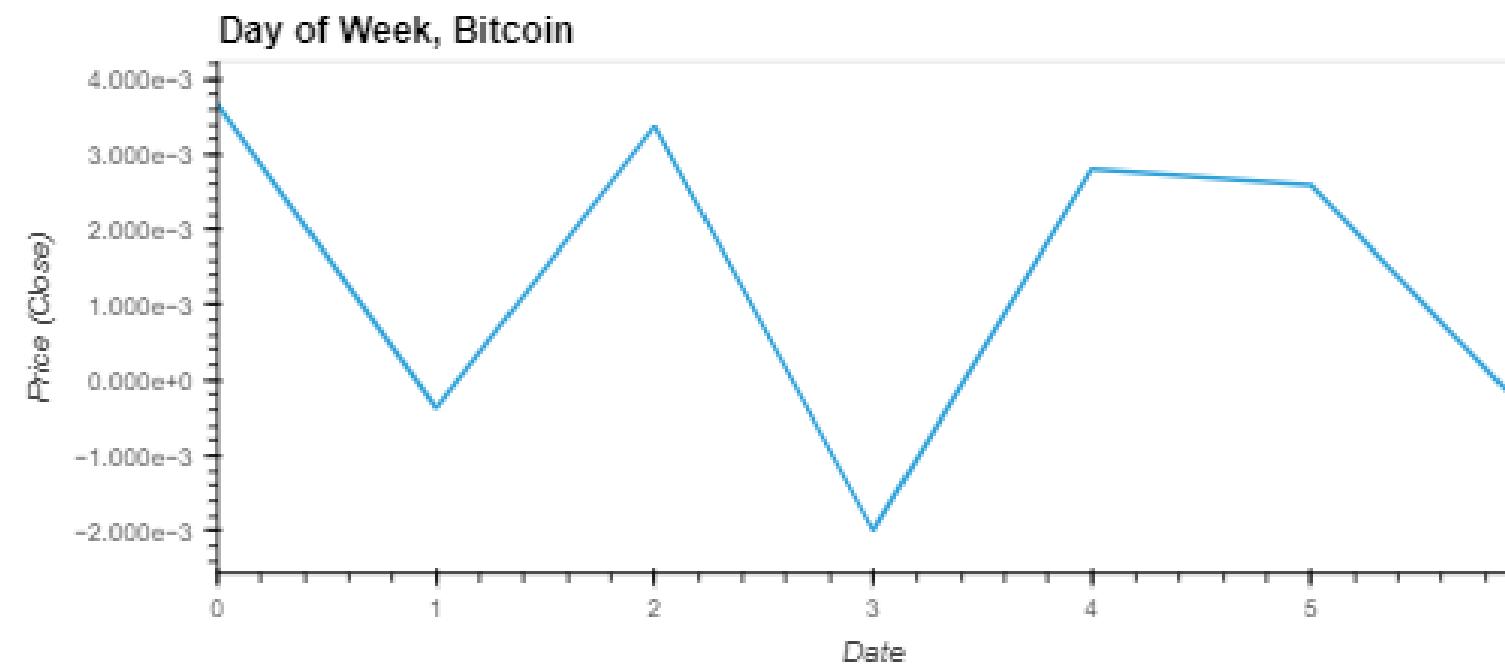
# Marketcap dominance, all three



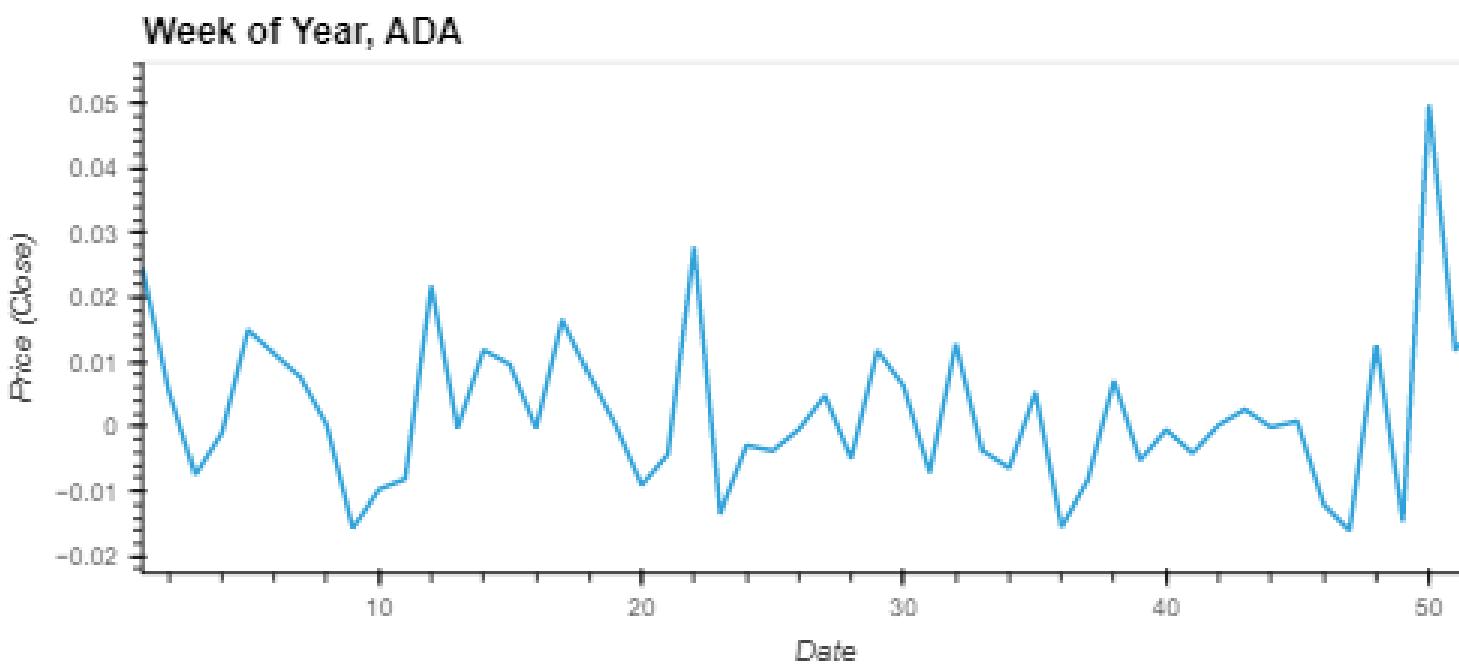
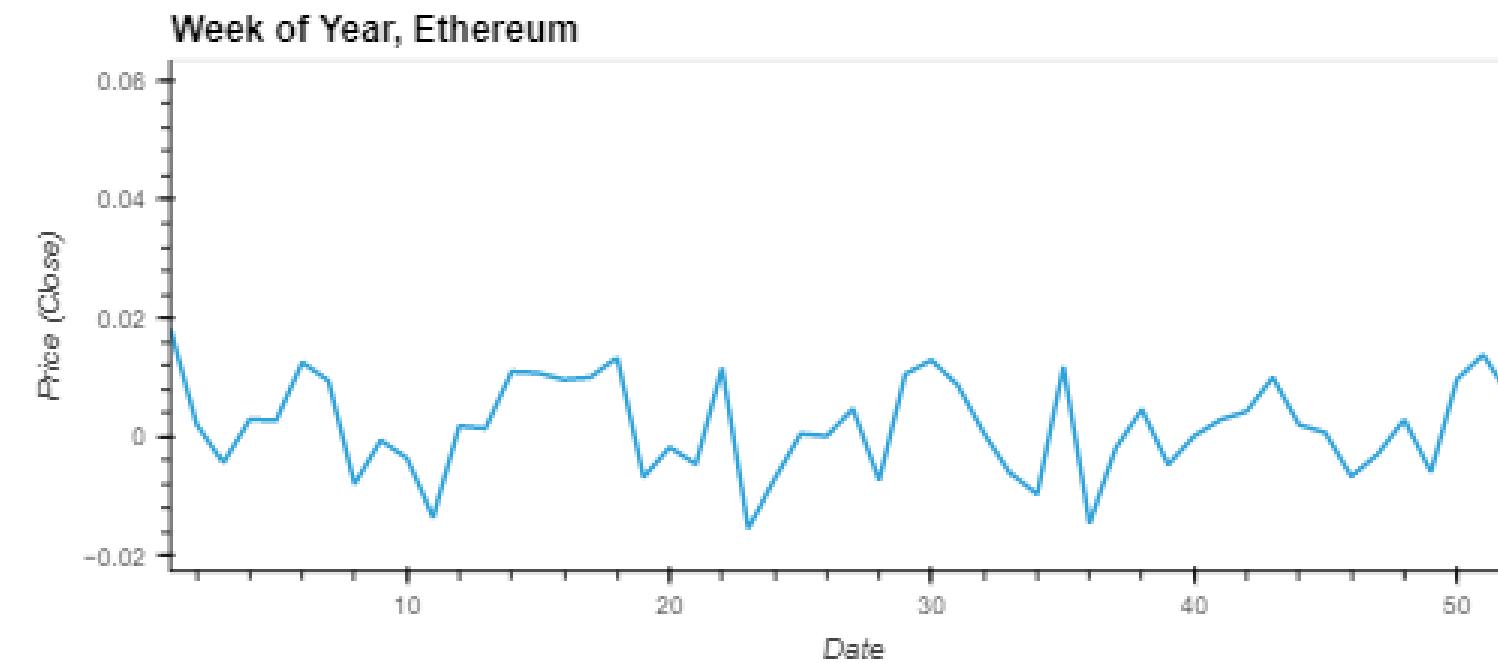
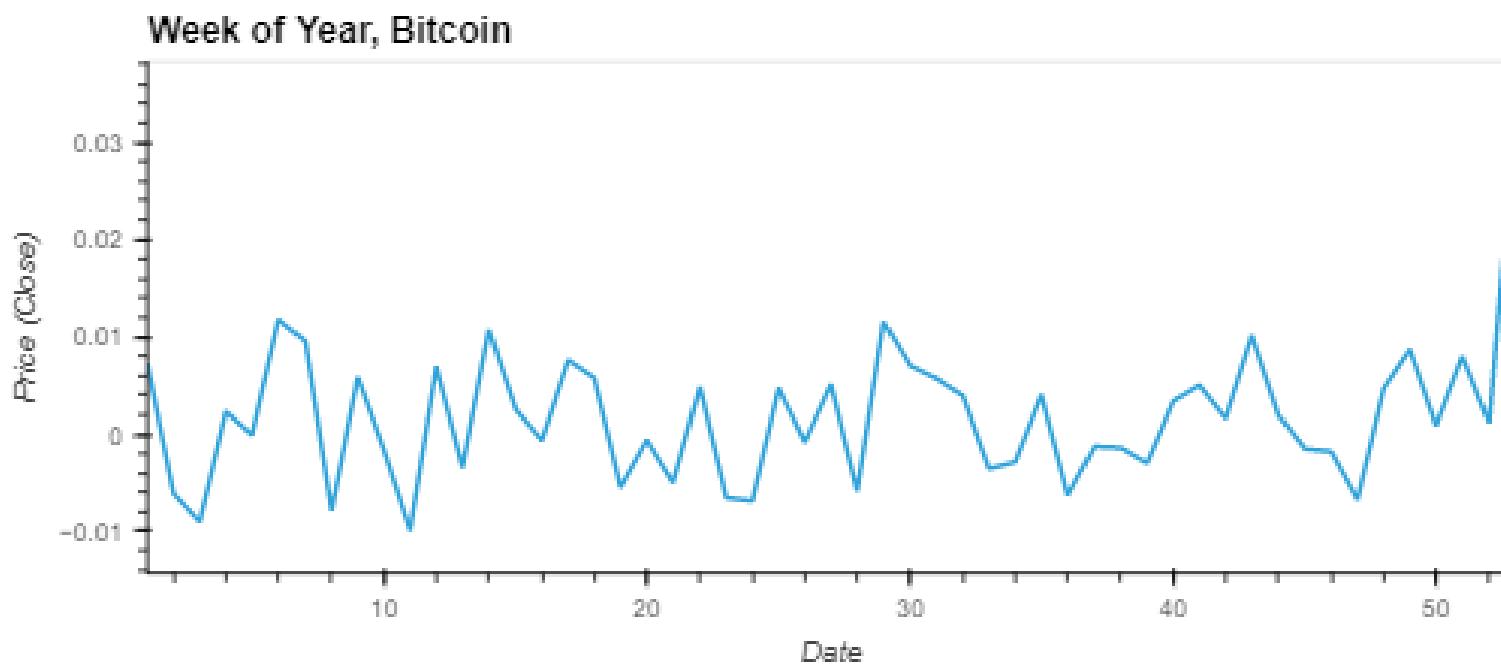
# Volatility, all three



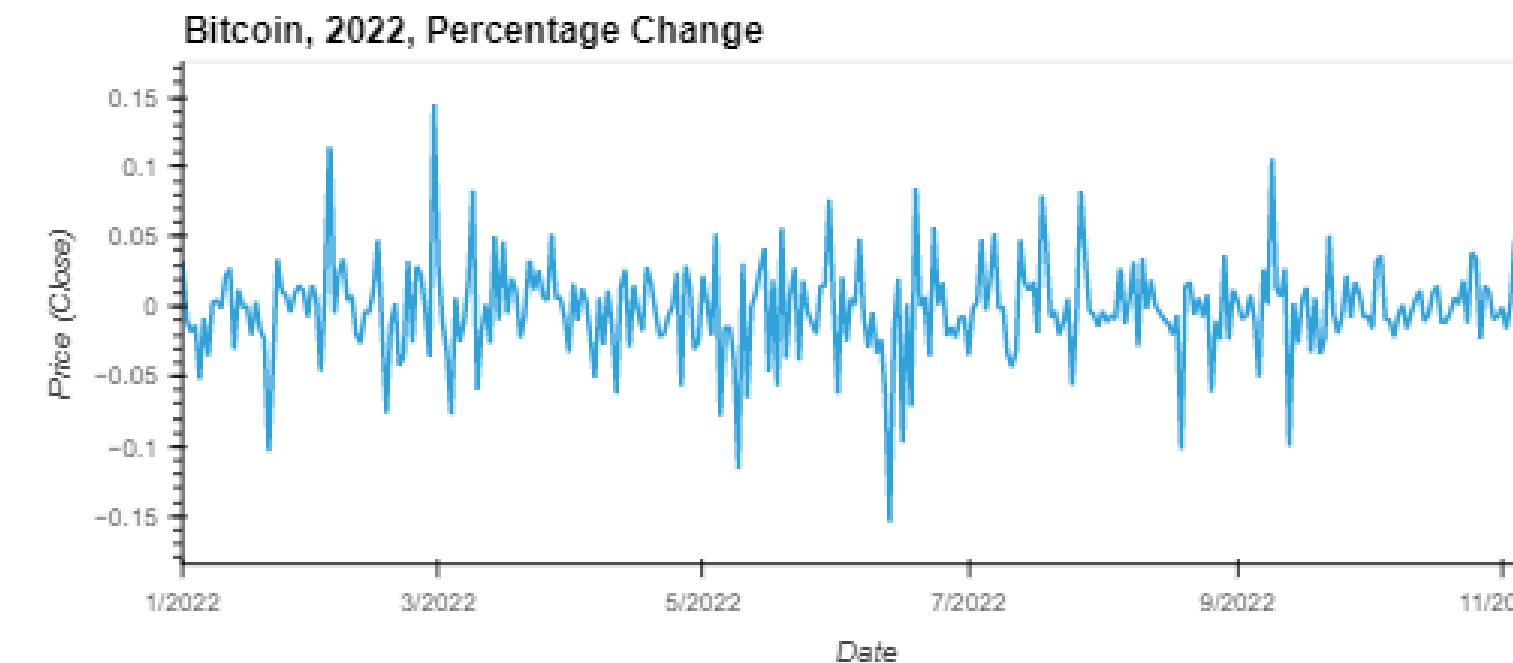
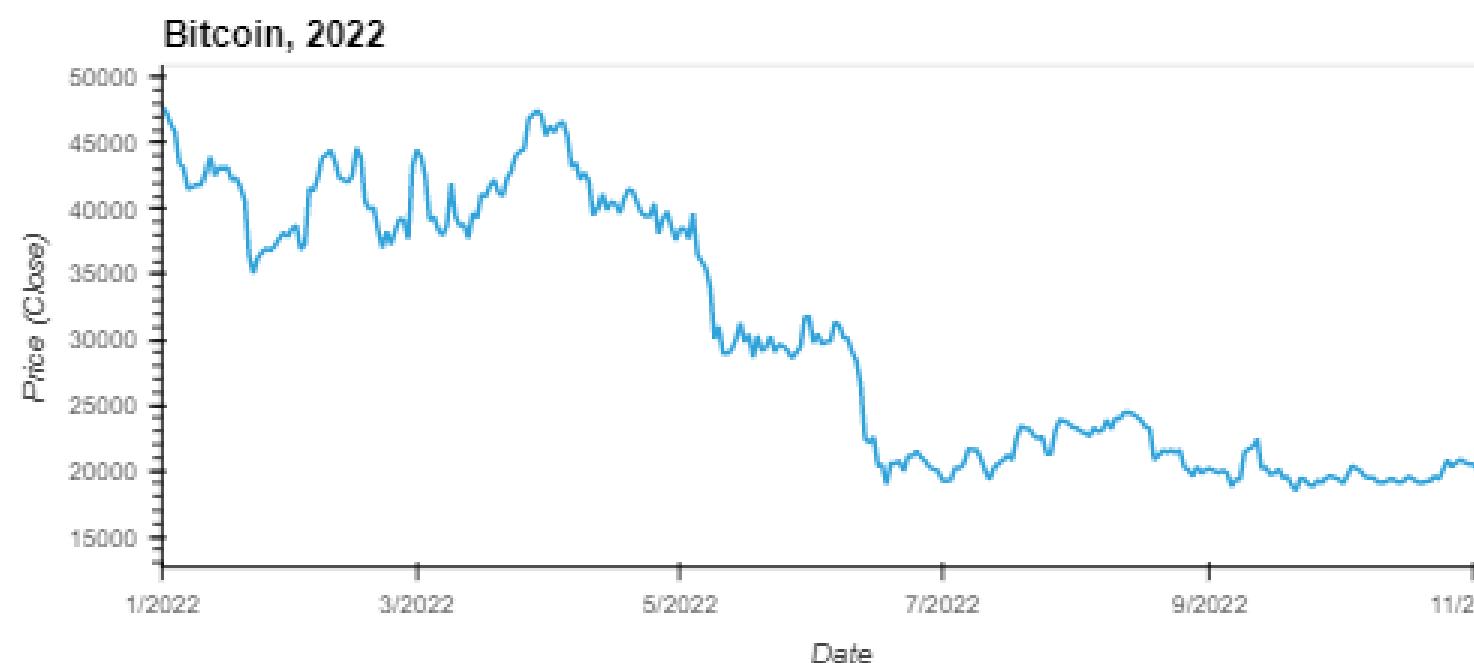
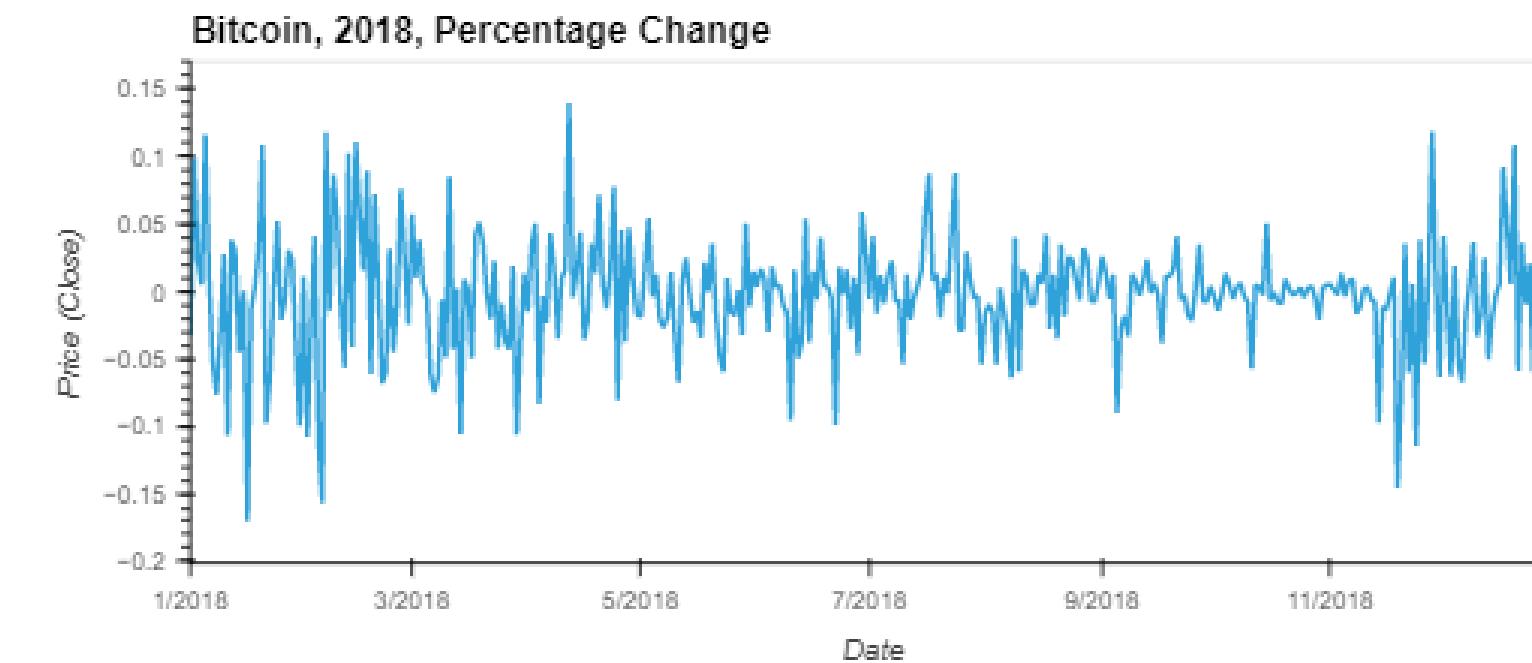
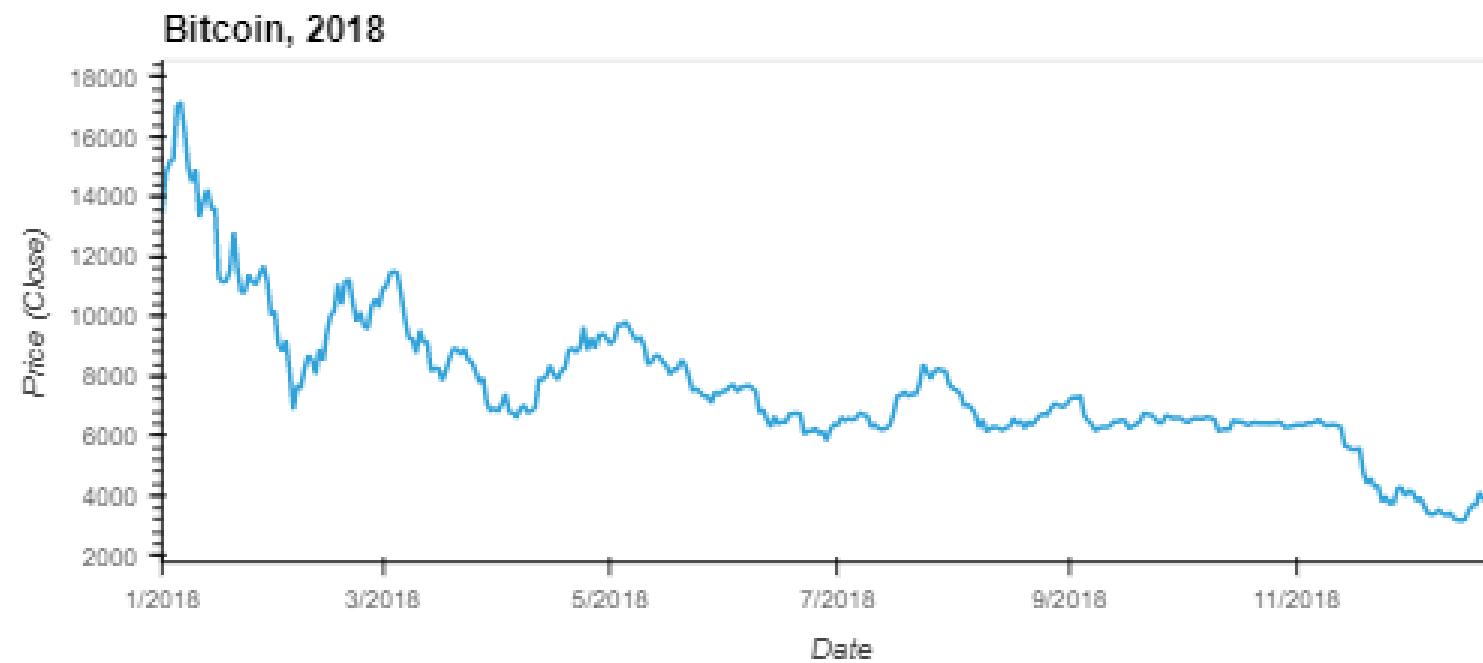
# Day of week



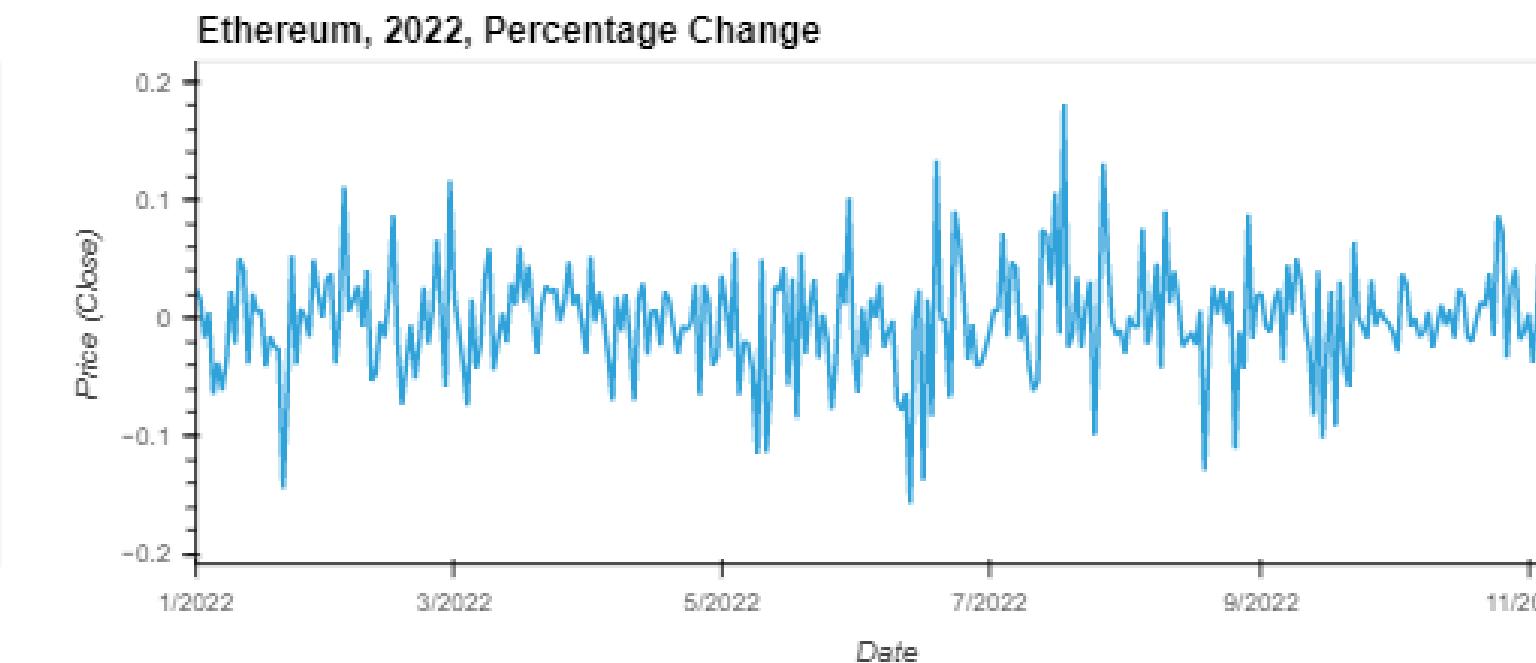
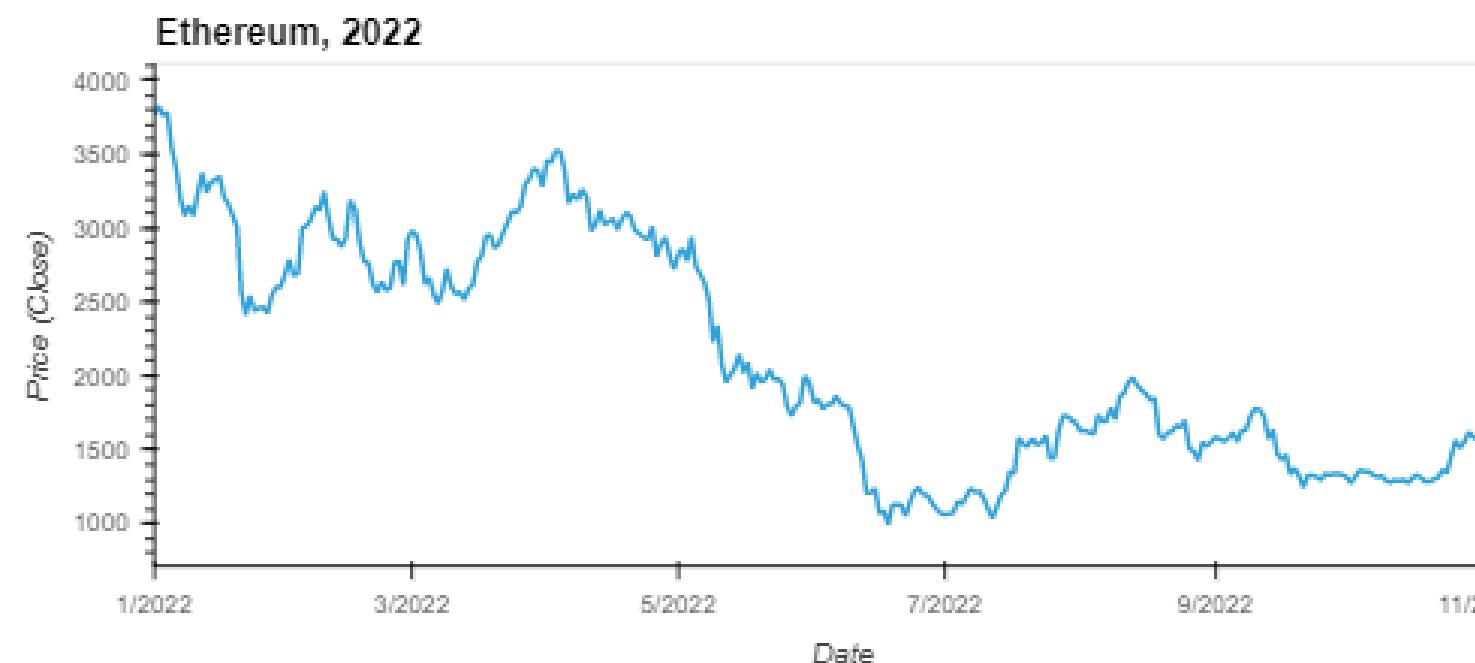
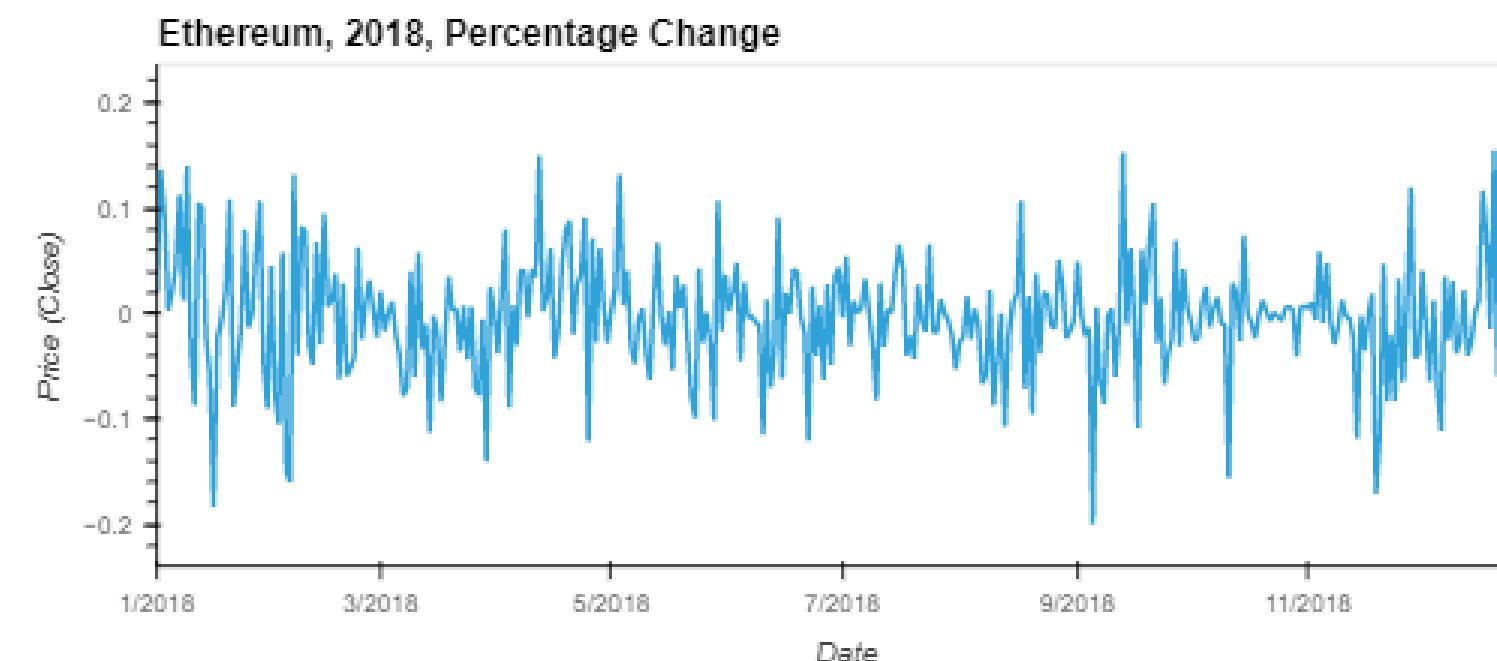
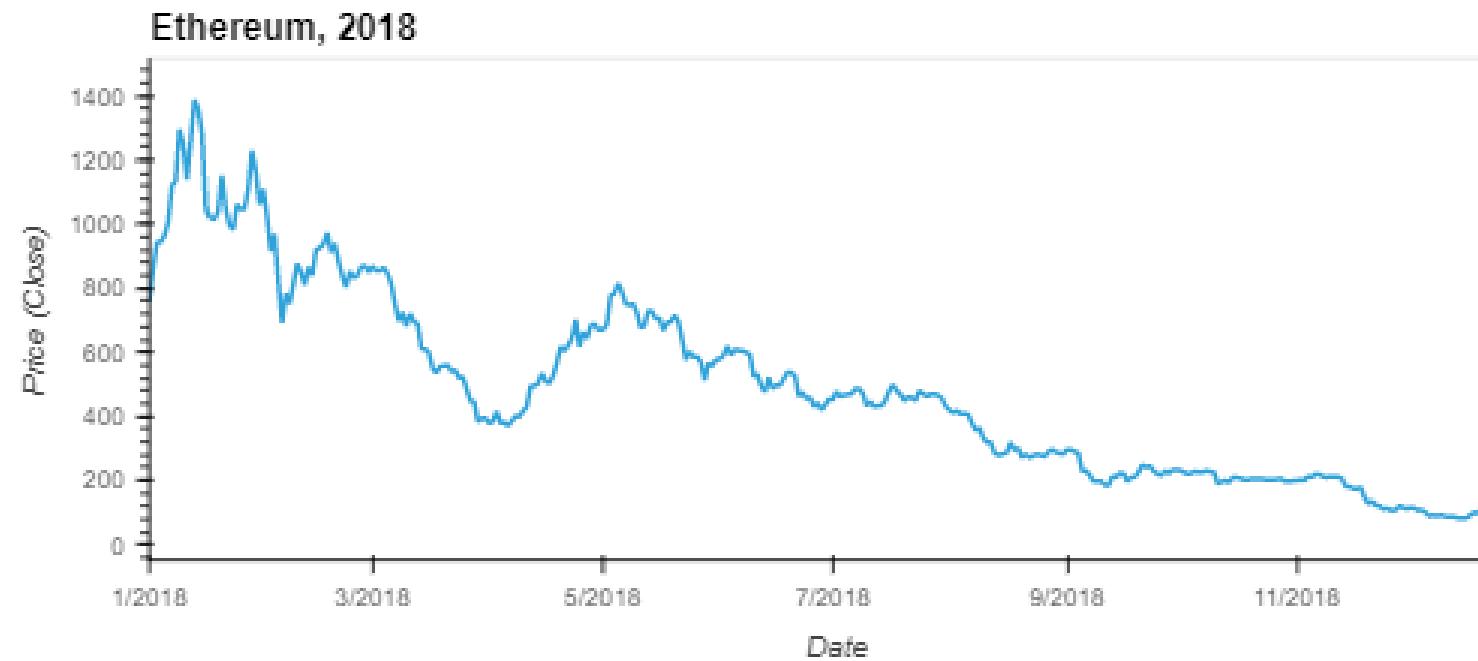
# Week of year



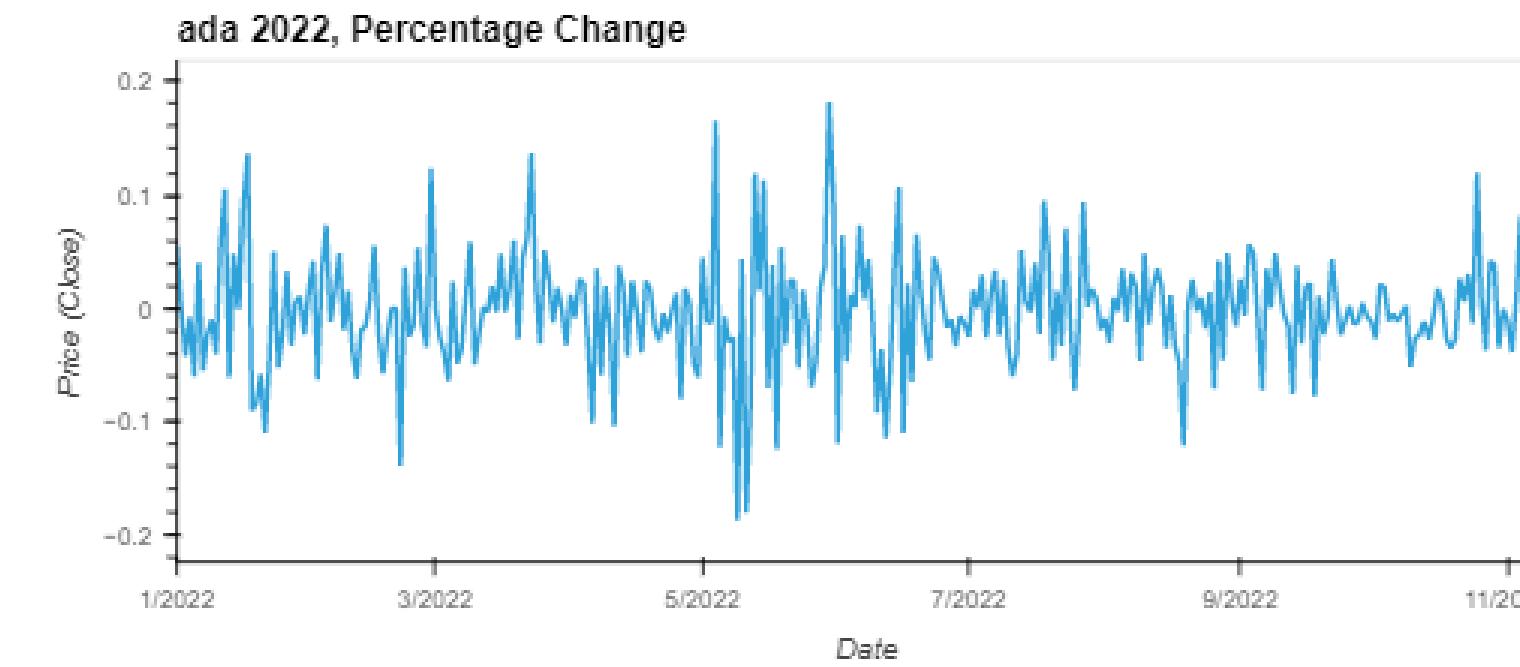
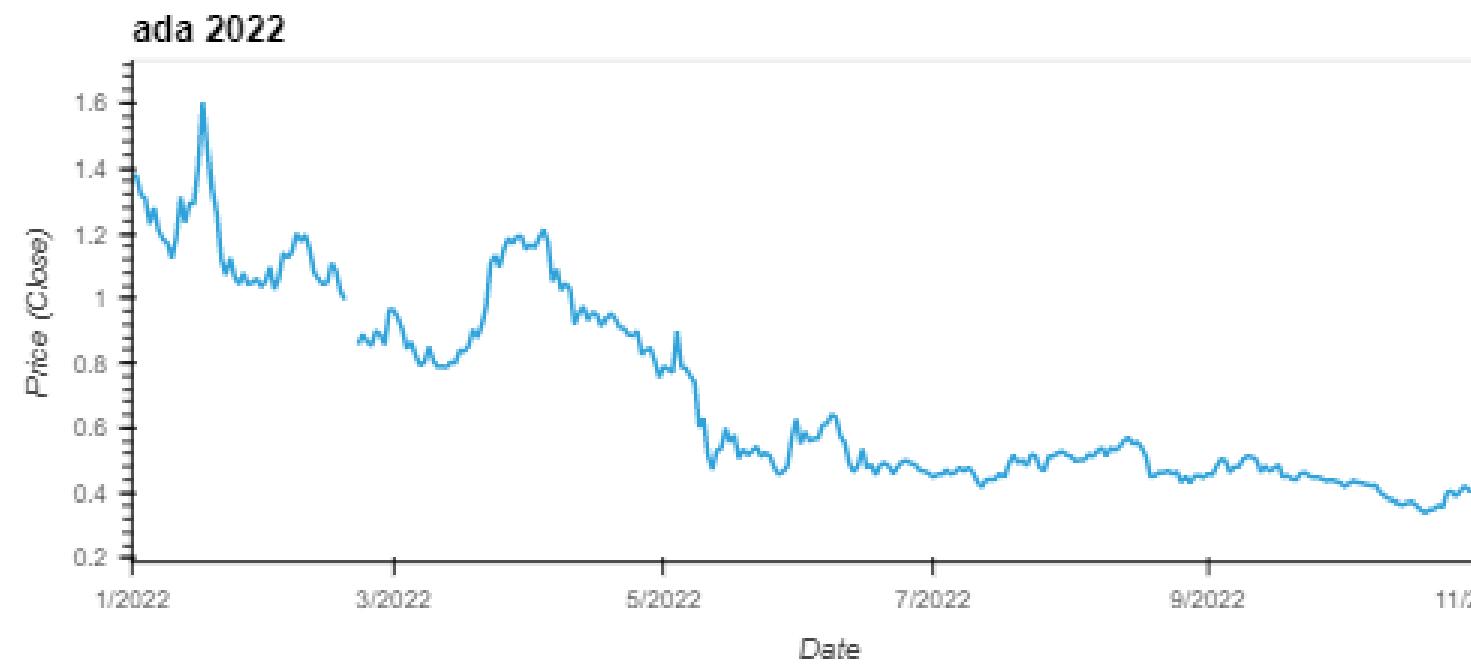
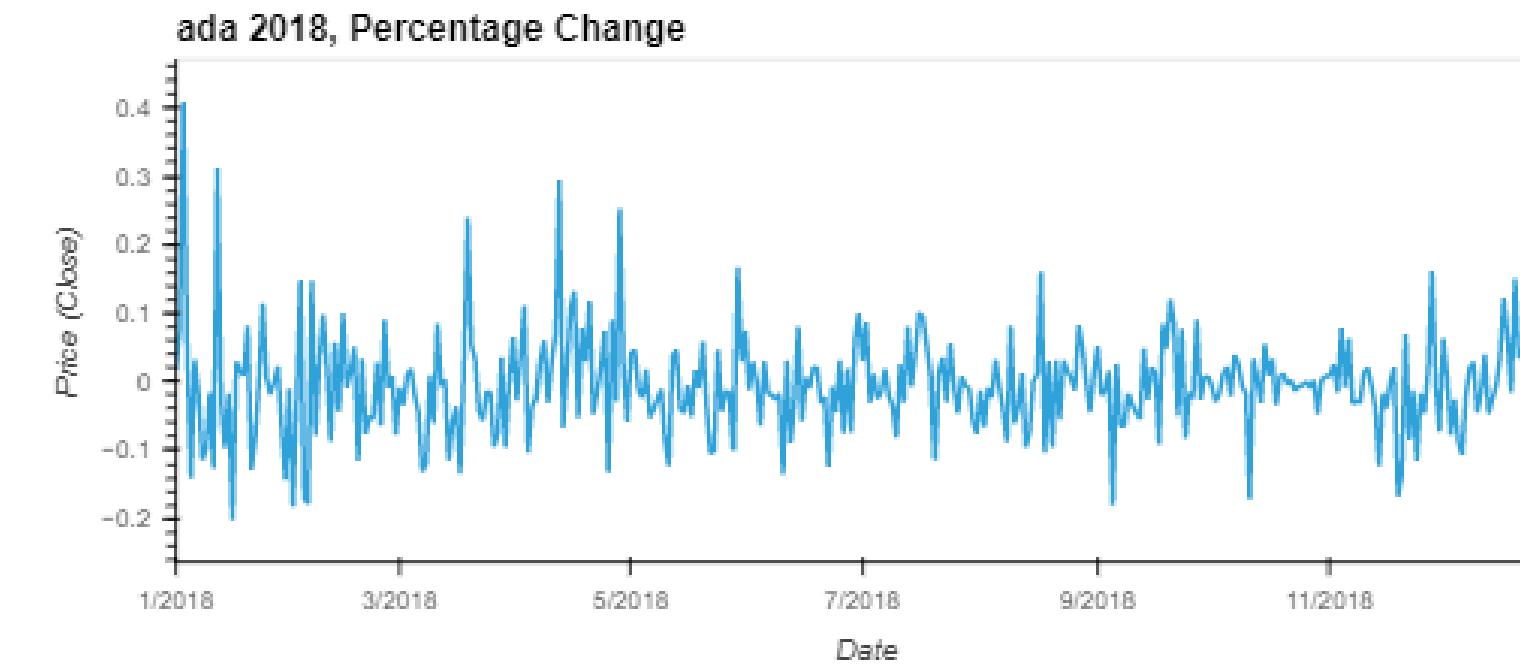
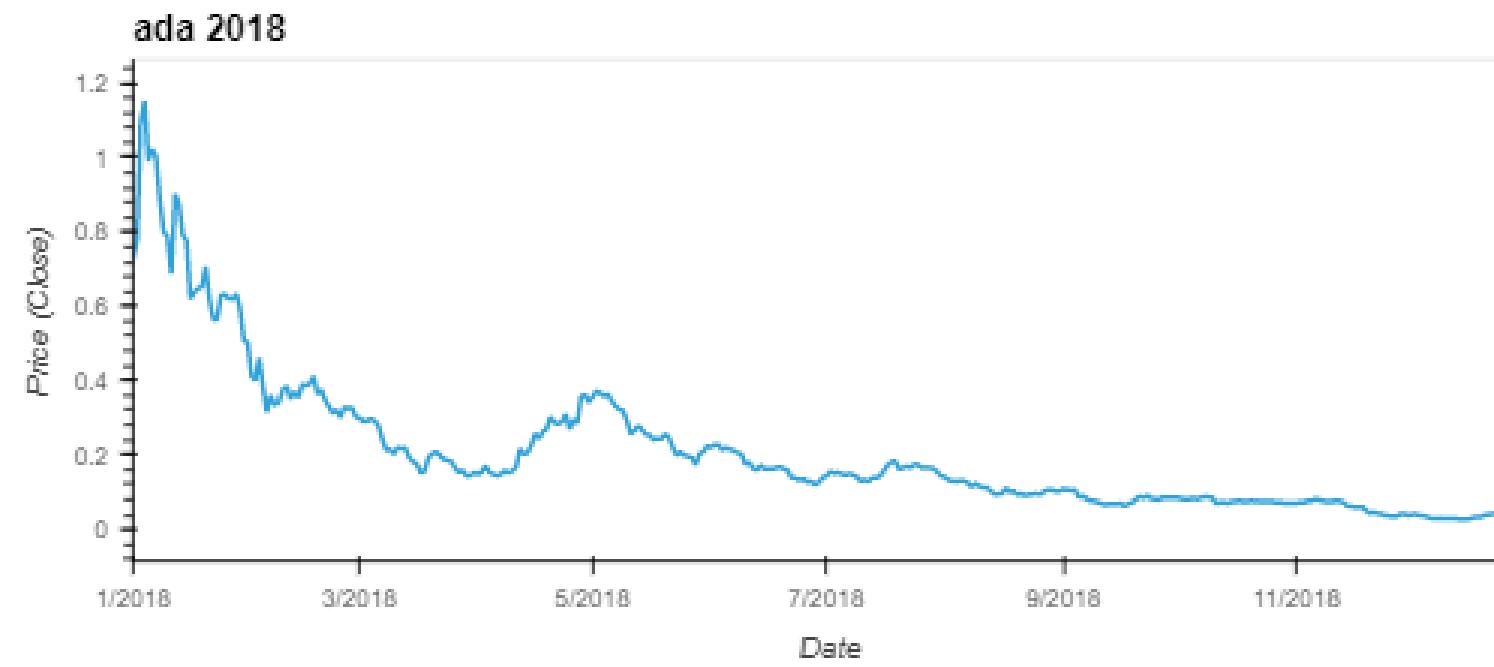
## Comparing past bear markets

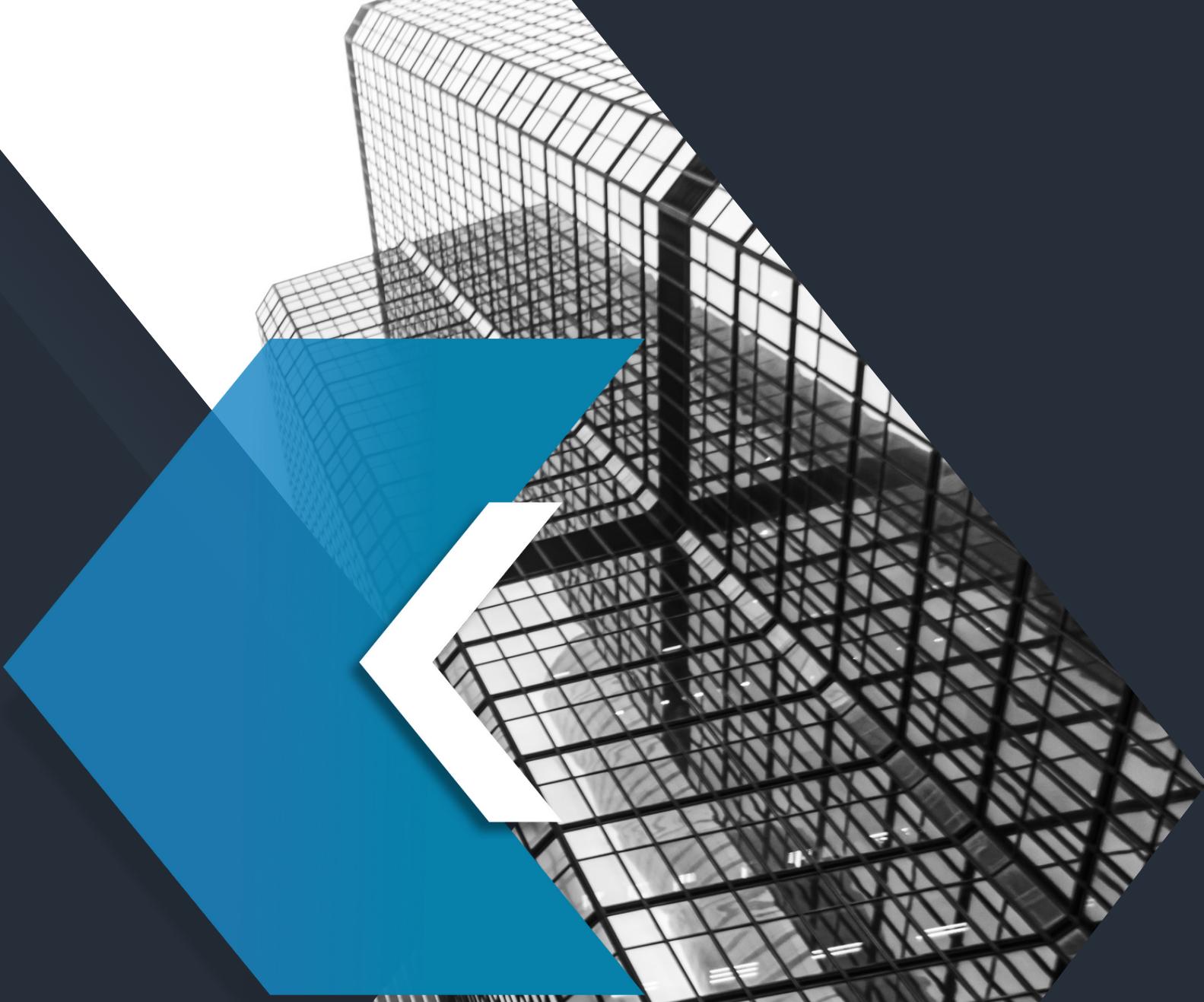


# Comparing past bear markets



# Comparing past bear markets





# Data presentation

# Summary

## Convinience

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Convenient analysis system with CSV file upload.

Adjustable metrics for further research

## Efficiency

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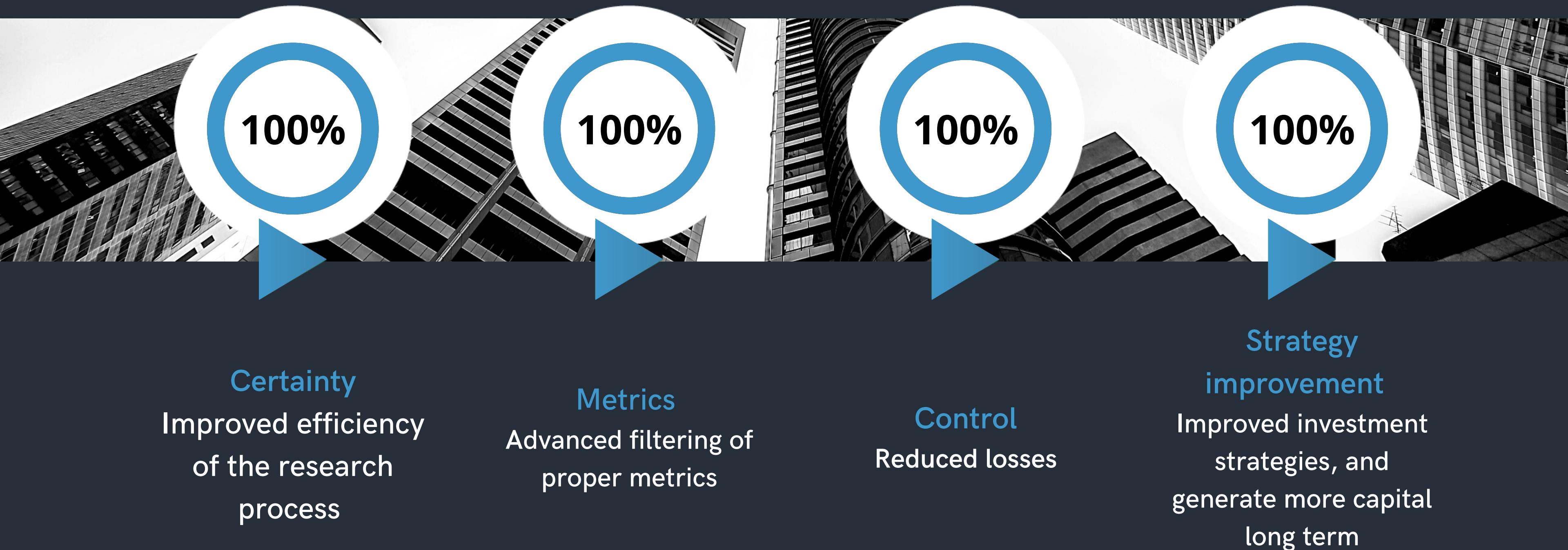
Automated data source that simplifies the day-to-day process.

## Accurate Metrics

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Utilizing existing accurate metrics for future prediction.

# Key components



# Next Steps

## Using other predicting models

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Utilizing other predicting models such as Neural Networks, Machine Learning and doing more research on other possibilities.

## Using more metrics

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Doing more research on creating better metric system for overall prediction.

## Optimize web application

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Website or application implementation for user friendly experience.  
Utilizing other languages.



Thank you  
for your  
time!