THE FIVE 'MUSK'ETEERS PRESENT

PROJECT ONE

An Analysis On Cryptocurrency Behaviour

GROUP MEMBERS

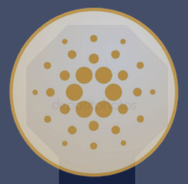
THE 'MUSK'ETEERS

- *James Sheridan*
- *Kai Ooi*
- *Kevin Zhao*
- *Briar Mercier*

TOOLS

WHAT WE USED AND WHY

- Python via Jupyter Lab
- Github
- JSON
- API
- Created a separate function file
- Python Libraries: Pandas, Numpy, Plotly express, Hvplot, Pyviz, seaborn.
- New Python Library: Bokeh



HYPOTHESIS + MOTIVATION

- There is a relationship between the price action of cryptocurrencies.
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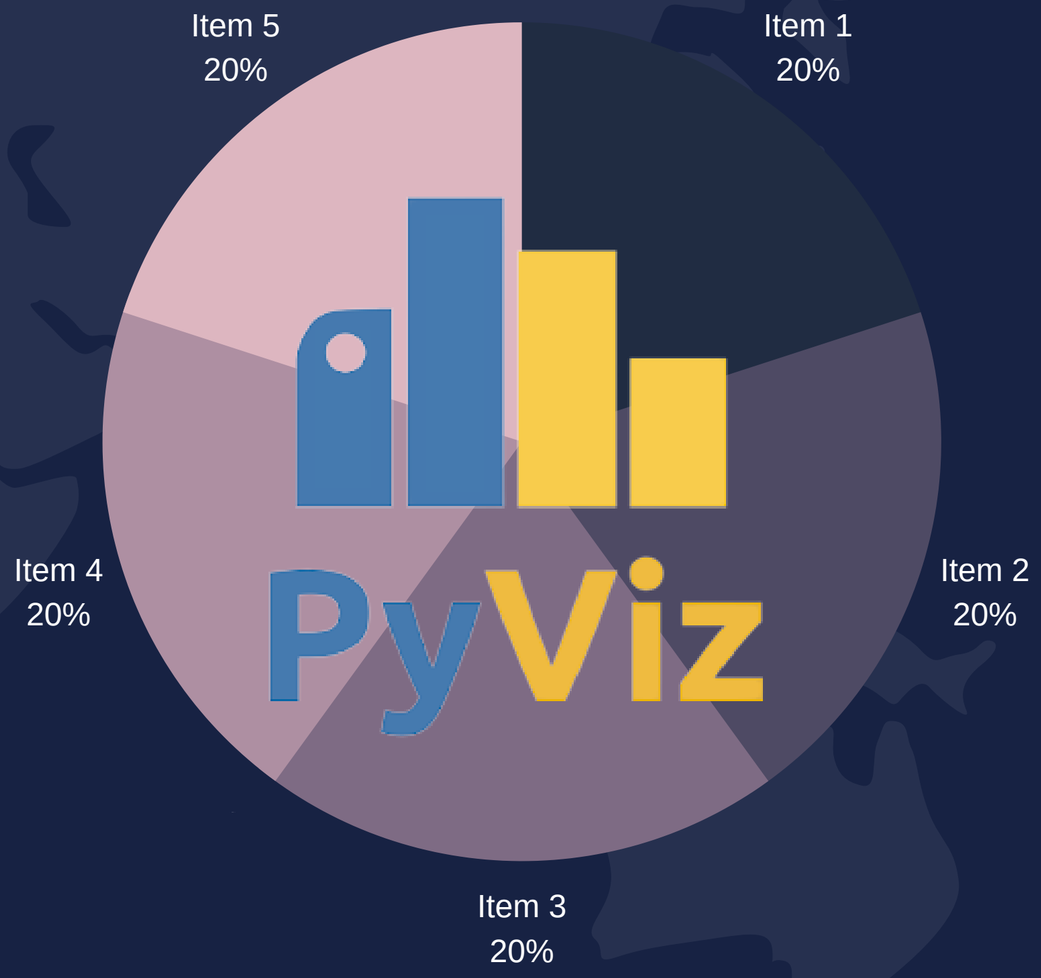
- We aim prove that there is a Lead-Lag relationship between Bitcoin and Ethereum (6 days).

- Four focus coins: BTC, ETH, ADA, VET

DATA COLLECTION

HOW/WHERE/WHY

DATA EXPLORATION & CLEANUP PROCESS



DATA ANALYSIS

KEY FINDINGS

NUMERICAL

GENERAL

LIMITATIONS

1. DATA ACCESS
2. TIME ALLOCATED
3. SCOPE OF KNOWLEDGE
4. HARDWARE

POSTMORTEM

HOW WE DEALT WITH SITUATIONS AND REFLECTION ON GROUP DYNAMIC

Establishing Parameters

Open and Respectful Disscussions

Problem Solving

IMPORT GRADE AS A+

THANK YOU

- THE FIVE MUSKETEERS