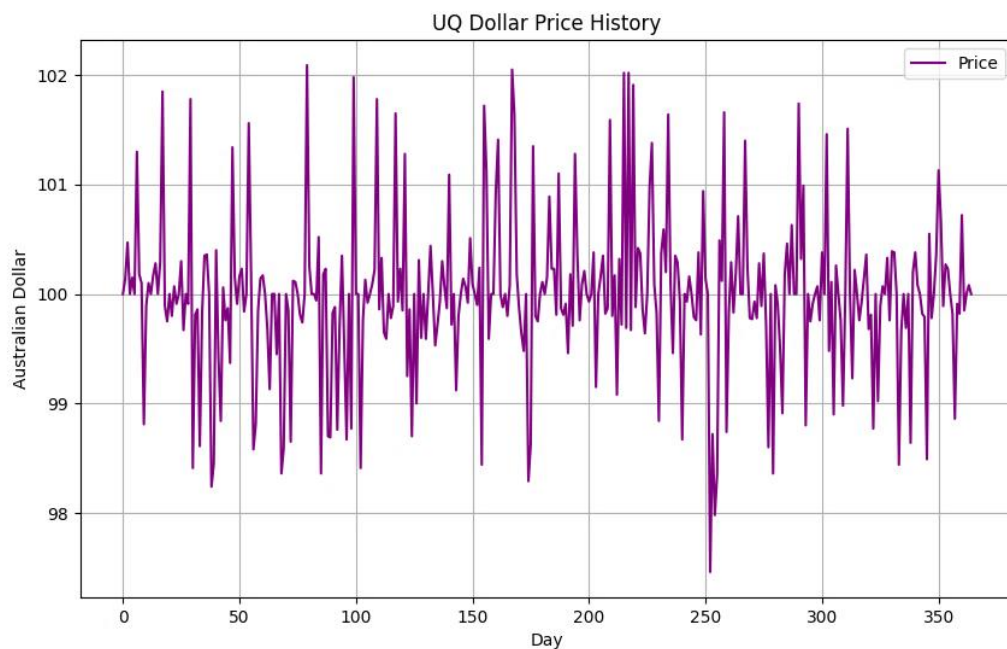




UQ Dollar:



The UQ Dollar is a digital currency used within the University of Queensland's campus economy. Pegged to the Australian Dollar at around 100 AUD, it serves as the primary medium for student transactions, from buying food to paying for services. Despite its general stability, the UQ Dollar exhibits short-term volatility due to shifts in demand influenced by university events, enrolment cycles, and academic activities.

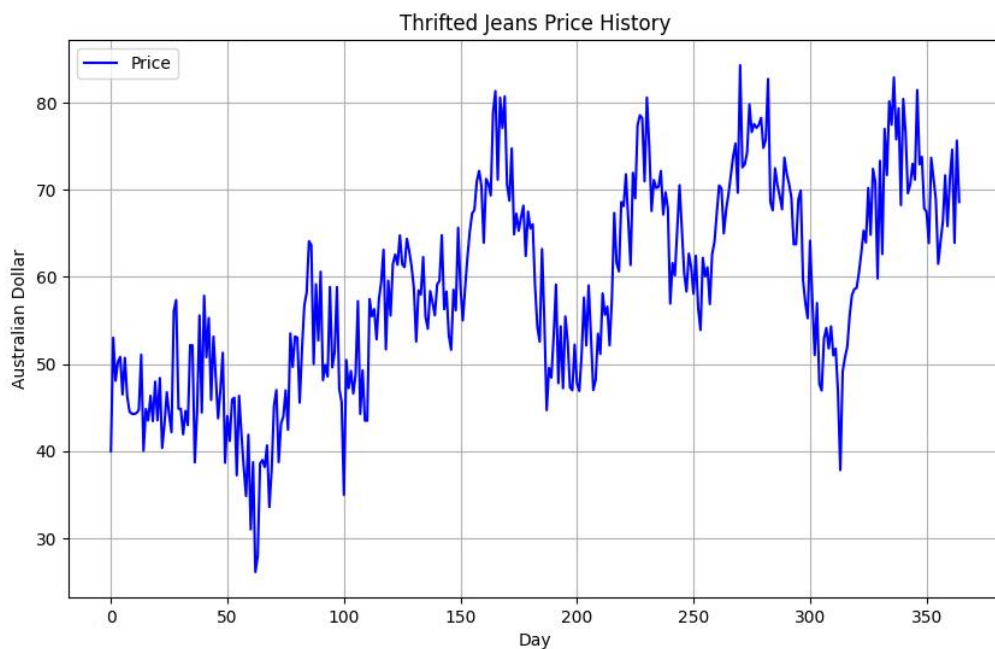
Trading Strategy Approach:

The UQ Dollar's fluctuating value makes it ideal for mean reversion strategies, with algorithms profiting from deviations before the price stabilises around \$100 AUD.

Position Limit: 650 UQ Dollars



Thrifty Jeans:



Thrifty Jeans is an unpredictable yet fascinating instrument. Like its namesake, the value of Thrifty Jeans often seems random, driven by the whims of an ever-changing, trend-driven market. Despite frequent fluctuations, there's an underlying upward trend, as demand for second-hand, sustainable goods grows over time.

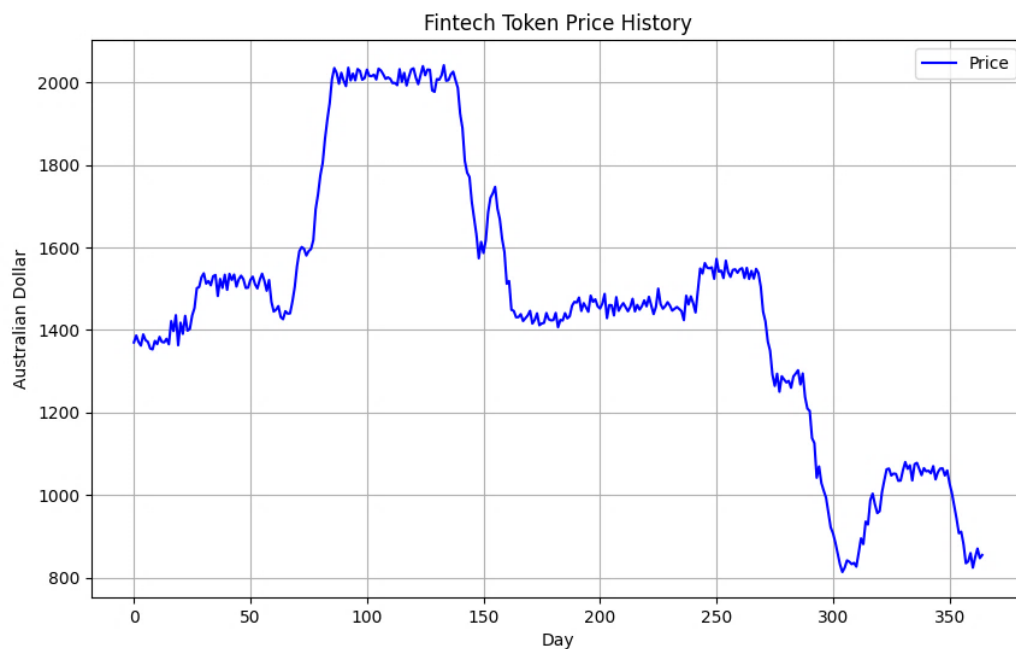
Trading Strategy Approach:

The randomness of Thrifty Jeans presents a challenge for traders. With no clear correlation to external factors, it defies traditional market prediction models. However, its consistent long-term upward movement makes it ideal for momentum and trend-following strategies.

Position Limit: 400 Pairs of Jeans



Fintech Token:



The UQ Fintech Token, created by the University of Queensland's Fintech Society, mimics the behaviour of a cryptocurrency with an unpredictable twist. Sometimes it behaves like a stable asset, maintaining a consistent value, while at other times it becomes highly volatile, with price swings that appear random. Despite this erratic behaviour, it exhibits fascinating momentum patterns that can offer keen opportunities for the savvy trader.

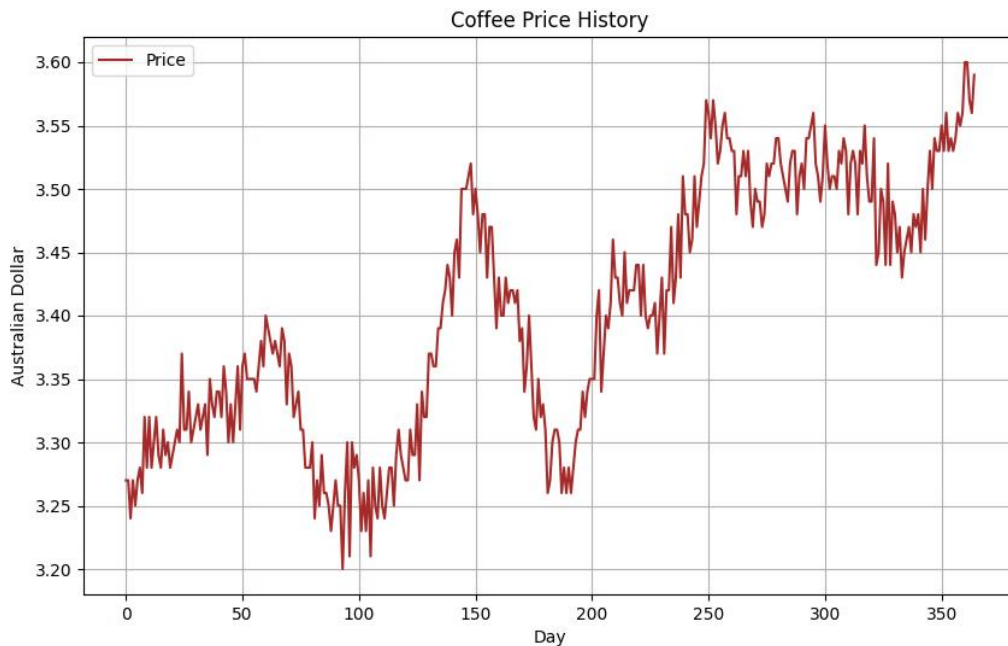
Trading Strategy Approach:

The UQ Fintech Token's dual nature calls for a versatile trading strategy. Algorithms should be designed to detect shifts between stability and volatility, allowing for dynamic adjustments. During stable periods, mean reversion strategies can work well, while during volatile phases, momentum-based strategies become key. By identifying and following the token's directional momentum, traders can ride short-term trends for profit.

Position Limit: 35 Fintech Tokens



Coffee



The Coffee instrument is a complex, multifaceted product whose value is derived from two primary assets: milk and coffee beans. However, its pricing is also influenced by unpredictable external factors, including supply chain issues, consumer demand, and a mysterious volatility tied to the barista—who moonlights as a Goober Eats rideshare driver. This dual role creates an added layer of uncertainty, as the barista's availability and delivery efficiency seem to subtly affect Coffee's market movements.

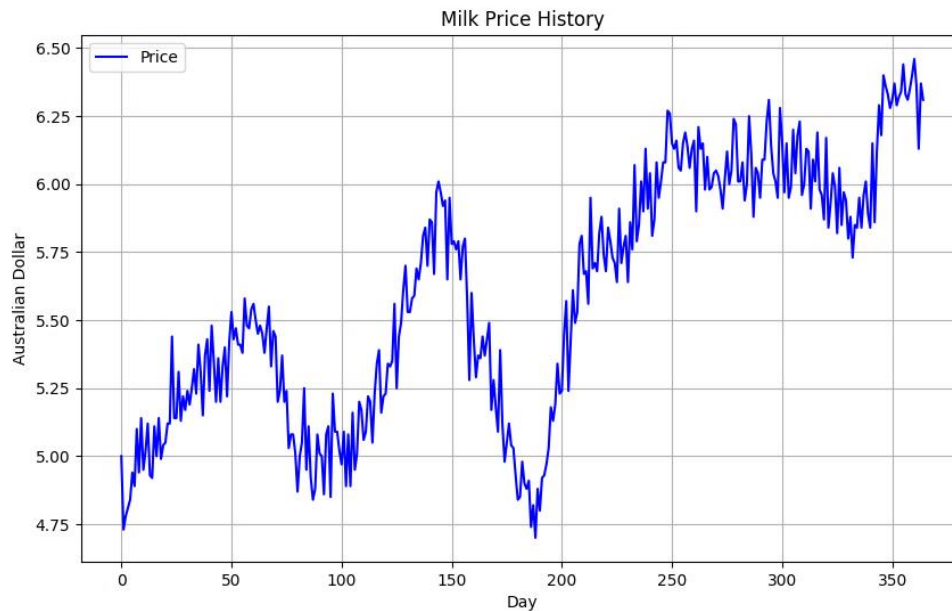
Trading Strategy Approach:

The value of Coffee is driven by both tangible components (milk and beans) and less predictable elements, making it a blend of fundamental analysis and speculative trading. Algorithms should track the prices of milk and coffee beans as primary inputs but remain adaptable to sudden fluctuations from "unknown factors" such as delivery delays or service disruptions caused by the barista's dual job.

Position Limit: 30000 Cups



Milk



Milk is a key component in determining the price of Coffee, but it stands as its own instrument with unique behaviour. While the price of Milk steadily increases over time, the manner in which it does so is somewhat random, with unpredictable jumps and fluctuations. This steady yet erratic upward trend reflects supply-demand imbalances, production costs, and other underlying factors within the dairy industry.

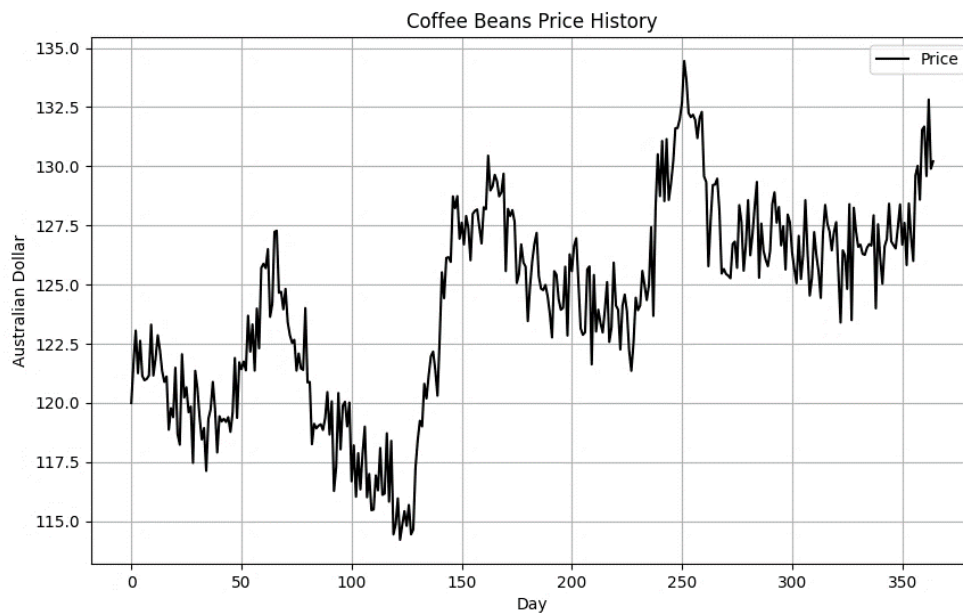
Trading Strategy Approach:

Milk's price pattern offers an interesting challenge. The steady upward trajectory suggests a long-term bullish trend, making it well-suited for trend-following algorithms.

Position Limit: 2500 Litres



Coffee Beans



Coffee Beans, a core component of the Coffee price, behave similarly to Milk with a steady upward price trajectory but marked by random, unpredictable fluctuations. Factors like global harvest yields, climate conditions in coffee-growing regions, and shifting consumer demand contribute to this erratic price movement, creating a complex market that blends long-term growth with short-term volatility.

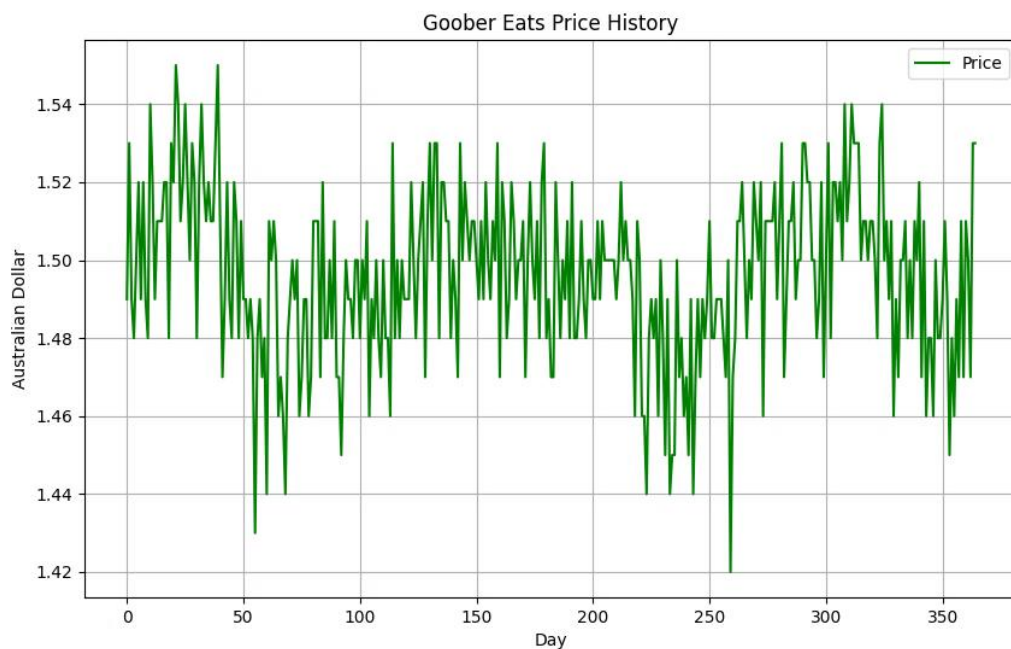
Trading Strategy Approach:

Much like Milk, Coffee Beans' steadily increasing price makes it suitable for long-term bullish strategies.

Position Limit: 200 Kilograms



Goober Eats



Goober Eats represents the fee structure associated with food delivery, but in this case, there's an intriguing, hidden link to the barista, who also works as a delivery person for the platform. This unique connection creates an unpredictable influence on the fee, potentially fluctuating based on the barista's availability, efficiency, and workload. As a result, the Goober Eats fee is driven by both external delivery demand factors and the mysterious impact of the barista's dual role, adding a layer of volatility to its pricing.

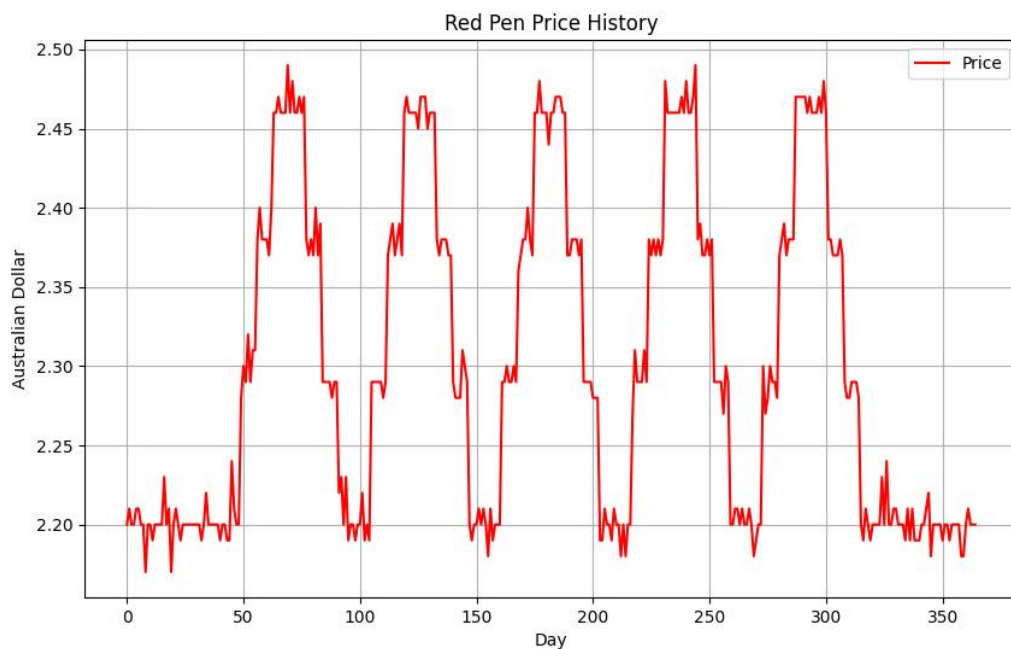
Trading Strategy Approach:

Goober Eats presents a curious mix of predictable fees with bursts of random fluctuations, likely driven by the barista's activity and unpredictable shifts in delivery demand.

Position Limit: 75000 Units



Red Pens



Red Pens follow a highly predictable seasonal pattern, with price movements that repeat annually, though with some minor variations year to year. As a time series problem, this instrument reflects the cyclical nature of supply and demand, possibly tied to academic or office supply cycles. Despite the yearly repetition, small variations in timing and intensity of price shifts make it an interesting, though straightforward, asset for traders to navigate.

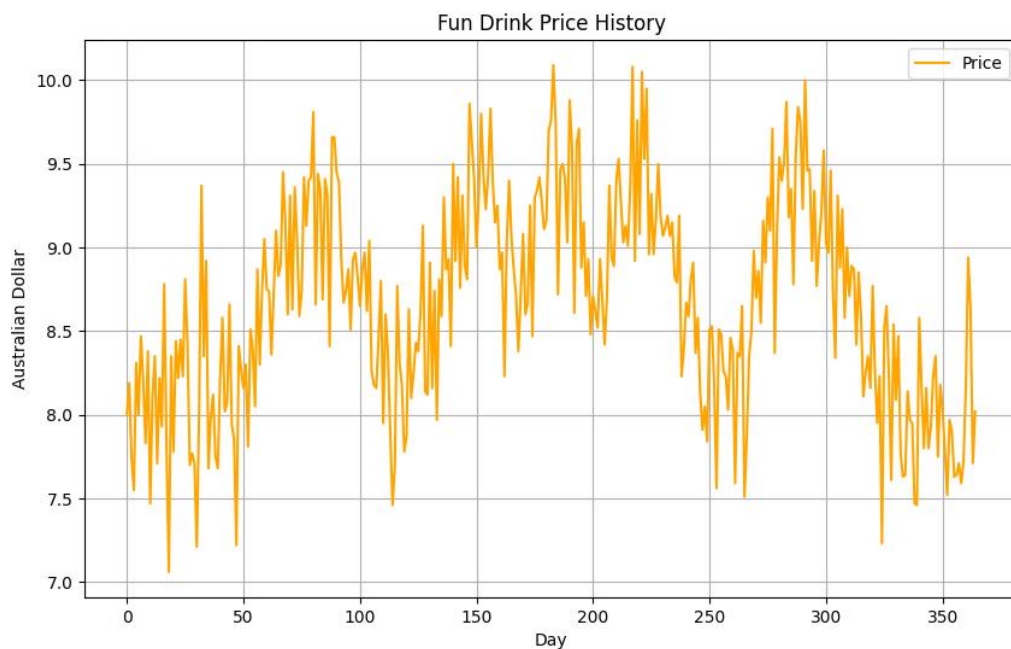
Trading Strategy Approach:

Red Pens present a classic time series challenge, where algorithms can easily detect recurring seasonal trends. This instrument is ideal for a strategy that leverages historical price data to predict future movements, making it well-suited for seasonality-based models and time series forecasting methods. The core strategy should focus on capturing these recurring patterns, buying and selling at key points in the annual cycle.

Position Limit: 40000 Red Pens



Fun Drink



Fun Drink exhibits complex price movements with significant time series elements. While it shares some of the seasonal trends seen in Red Pens, its behaviour is more intricate due to additional factors such as consumer preferences, seasonal events, and market sentiment. These elements contribute to both predictable and sporadic short-term trends, making it a richer, more dynamic asset.

Trading Strategy Approach:

Fun Drink requires a more nuanced approach compared to Red Pens, due to its added complexity. While seasonal trends are still a key component, the instrument also displays short-term fluctuations influenced by market events, promotions, and changes in consumer demand.

Position Limit: 10000 Fun Drinks