

Project Proposal

ETFS Silver Price Forecast, Trends and 1-2 Year Prediction

- **Problem statement formation**

Silver is seen as a safe haven investment in uncertain times, a hedge against inflation and stocks. Silver's use as an industrial metal in many fields also affects its price performance and outlook. Silver is cheaper than gold, but more thinly traded, making it more volatile and illiquid. Is silver a good investment?

- **Context**

The scope of this project is focused on SILVER ETF price forecasting, trends and 2 year predictions.

- **Criteria for success**

Finding the trend and forecasting the Silver price for the next 1-2 years .

- **Scope of solution space**

The study will be conducted based on the Silver historical stock prices weekly for the last 10 years.

- **Constraints**

Silver like any other investment brings fair share of risks, as sensitivity to recession, vulnerability to technology shifts, limited income/appreciation potential and unpredictable price moves

- **Stakeholders**

The stakeholders that are interested in investing in silver.

- **Data sources**

The data can be obtained from the Finance Yahoo website

<https://finance.yahoo.com/quote/SI%3DF/history?period1=1606434581&period2=1637970581&interval=1mo&filter=history&frequency=1mo&includeAdjustedClose=true>

Selection of 10 years weekly

How I will solve the problem

We are going to apply different models to find the best predictions. Then we will use the best fitted model to forecast the price of SILVER ETF for the next 1-2 years to determine if Silver is a good investment.

My deliverables will consist of a Github repository for every step of the project in the jupyter notebook, as well as a report and slide deck.