Answer 2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Variable Name | Measurement Unit | Allowed Units | Description |
| Date | Date | Date Time (YYYY-MM) | Minimum Date:  2015-01  Maximum Date: 2020-07 | Year Month date format into a representation of gold value corresponding to that specific time period. |
| Gold Price | Price | Numeric - Float (USD) | 1180.636 | Price of Gold in USD |

Answer 3.

* The data collection process involved sourcing information from the web and searching Kaggle for relevant Time Series datasets to predict fluctuations in gold prices. The data was obtained from Kaggle
* The Data was collaborated by Nhi Yen.
* Data collection occurred on a monthly basis.

Answer 4.   
  
Gold price plays tremendous significance with respect to Economy. Thus I am interested in Forecasting gold prices data set as it presents an opportunity to develop and test various forecasting models and techniques, contributing to the field of time series analysis.

Interesting factor about this is gold prices are influenced by a wide range of factors, including geopolitical events, inflation, interest rates, currency fluctuations, and more. Analyzing and forecasting these diverse influences can provides opportunity to develop a complex model and learn about various parameters involved in Forecasting correctly.

Also presence of various trends, seasonality, and volatility with respect to gold price forecasting presents a technical challenge. This would help me take up on technical challenges and enhance my skills to forecast while considering these parameters in my calculation.