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| **Columns Name** | **What each column represents** | **Category** | **Variable Trait** |
| Date | Date the market was opened | Gold ETF | Non-Feature Engineered |
| Open | Price as at the time market opened | Gold ETF | Non-Feature Engineered |
| High | Price when the market prices is up. | Gold ETF | Non-Feature Engineered |
| Low | Price if the market price is down. | Gold ETF | Non-Feature Engineered |
| Close | Close is that closing price of a stock is the price of that stock at the close of the trading day. | Gold ETF | Non-Feature Engineered |
| Adjusted Close | Adjusted closing price takes into account factors such as dividends, stock splits and new stock offerings to determine a value. We would use Adjusted Close as our outcome variables which is the value we want to predict | Gold ETF | Non-Feature Engineered  Dependent Variable |
| Volume | Overall Gold ETF transactions at the said date | Gold ETF | Non-Feature Engineered |
| 'SPopen', 'SPhigh', 'SPlow', 'SPclose', 'SPAjclose', 'SPvolume' | Aggregate of Top 500 large companies in US | S&P 500 Index | Feature Engineered |
| 'DJopen','DJhigh', 'DJlow', 'DJclose', 'DJAjclose', 'DJvolume' | Aggregate of Top 30 US companies Price Index | Dow Jones Index | Feature Engineered |
| 'EGopen', 'EGhigh', 'EGlow', 'EGclose', 'EGAjclose', 'EGvolume' | Canada Owned Gold Miner Company  Price Index | Eldorado Gold Corporation (EGO) | Feature Engineered |
| 'EUPrice','EUopen', 'EUhigh', 'EUlow', 'EUTrend | EUR to USD Exchange rate | EUR USD Exchange rate | Feature Engineered |
| 'OFPrice', 'OFOpen', 'OFHigh', 'OFLow', 'OFVolume', 'OFTrend' | A category of crude oil (Brent) price index | Brent Crude oil Futures | Feature Engineered |
| ‘OSPrice', 'OSOpen', 'OSHigh', 'OSLow', 'OSTrend', | Crude Oil International market price in US Dollars | Crude Oil WTI USD | Feature Engineered |
| 'SFPrice', 'SFOpen', 'SFHigh', 'SFLow', 'SFVolume', 'SFTrend' | Silver Price | Silver Futures | Feature Engineered |
| 'USBPrice', 'USBOpen', 'USBHigh','USBLow', 'USBTrend | US Bond Rate | US Bond Rate data | Feature Engineered |
| 'PLTPrice', 'PLTOpen', 'PLTHigh', 'PLTLow','PLTTrend' | Market price of Platinum | Platinum | Feature Engineered |
| 'PLDPrice', 'PLDOpen', 'PLDHigh', 'PLDLow','PLDTrend' | Market price of Palladium | Palladium | Feature Engineered |
| 'USDIPrice', 'USDIOpen', 'USDIHigh','USDILow', 'USDIVolume', 'USDITrend' | US dollar Index Price | US dollar | Feature Engineered |
| 'RHO\_PRICE' | Rhodium prices on daily bases | Rhodium | Feature Engineered |
| 'GDXOpen', 'GDXHigh', 'GDXLow', 'GDXClose', 'GDXAdj Close', 'GDXVolume' | Gold Miners ETF (Exchange-Traded Fund) Price Index | Gold Miners ETF | Feature Engineered |
| 'USOOpen','USOHigh', 'USOLow', 'USOClose', 'USOAdj Close', 'USOVolume' | Oil Exchange Traded Fund (ETF) | Oil ETF USO | Feature Engineered |