Data Mining Assessment

In [1]:
```
import pandas as pd
```

In [2]:
```
df = pd.read_csv("C:\\Users\\User\\Desktop\\data_mining\\goldprice_08-May-2020.csv")
```

In [3]:
```
df.head()
```

Out[3]:

	Date	Price	Open	High	Low	Volume	Change %
0	May 08 2020	1728.95	1724.95	1735.45	1722.2	-	0.18%
1	May 07 2020	1725.80	1686.00	1733.20	1683.9	-	2.21%
2	May 06 2020	1688.50	1714.10	1716.60	1683.0	-	-1.29%
3	May 05 2020	1710.60	1711.00	1717.80	1695.4	184.73K	-0.16%
4	May 04 2020	1713.30	1711.20	1726.00	1700.3	148.73K	0.73%

In [4]:
```
df.columns
```

Out[4]:
```
Index(['Date', 'Price', 'Open', 'High', 'Low', 'Volume', 'Change %'], dtype='object')
```

In [5]:
```
df.index
```

Out[5]:
```
RangeIndex(start=0, stop=360, step=1)
```

In [6]:
```
df.values
```

Out[6]:
```
array([['May 08 2020', 1728.95, 1724.95, ..., 1722.2, ' -', ' 0.18%'],
       ['May 07 2020', 1725.8, 1686.0, ..., 1683.9, ' -', ' 2.21%'],
       ['May 06 2020', 1688.5, 1714.1, ..., 1683.0, ' -', ' -1.29%'],
       ...,
       ['Jan 03 2019', 1343.6, 1334.5, ..., 1334.5, ' 0.08K', ' 0.81%'],
       ['Jan 02 2019', 1332.8, 1332.5, ..., 1331.3, ' 0.08K', ' 3.85%'],
       ['Jan 01 2019', 1283.35, 1284.7, ..., 1282.85, ' -', ' -3.52%']],
      dtype=object)
```

In [7]:
```
type(df)
```

Out[7]:
```
pandas.core.frame.DataFrame
```

In [8]:
```
df.shape
```

Out[8]:
```
(360, 7)
```

In [9]:
```
df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 360 entries, 0 to 359
Data columns (total 7 columns):
Date        360 non-null object
Price       360 non-null float64
Open        360 non-null float64
High        360 non-null float64
Low         360 non-null float64
Volume      360 non-null object
Change %    360 non-null object
dtypes: float64(4), object(3)
memory usage: 19.8+ KB
```

The result showed that there is no missing value in this dataset.