HCL INTERN MINI PROJECT

NAME - A.TEJASWI

REG NO-39110040
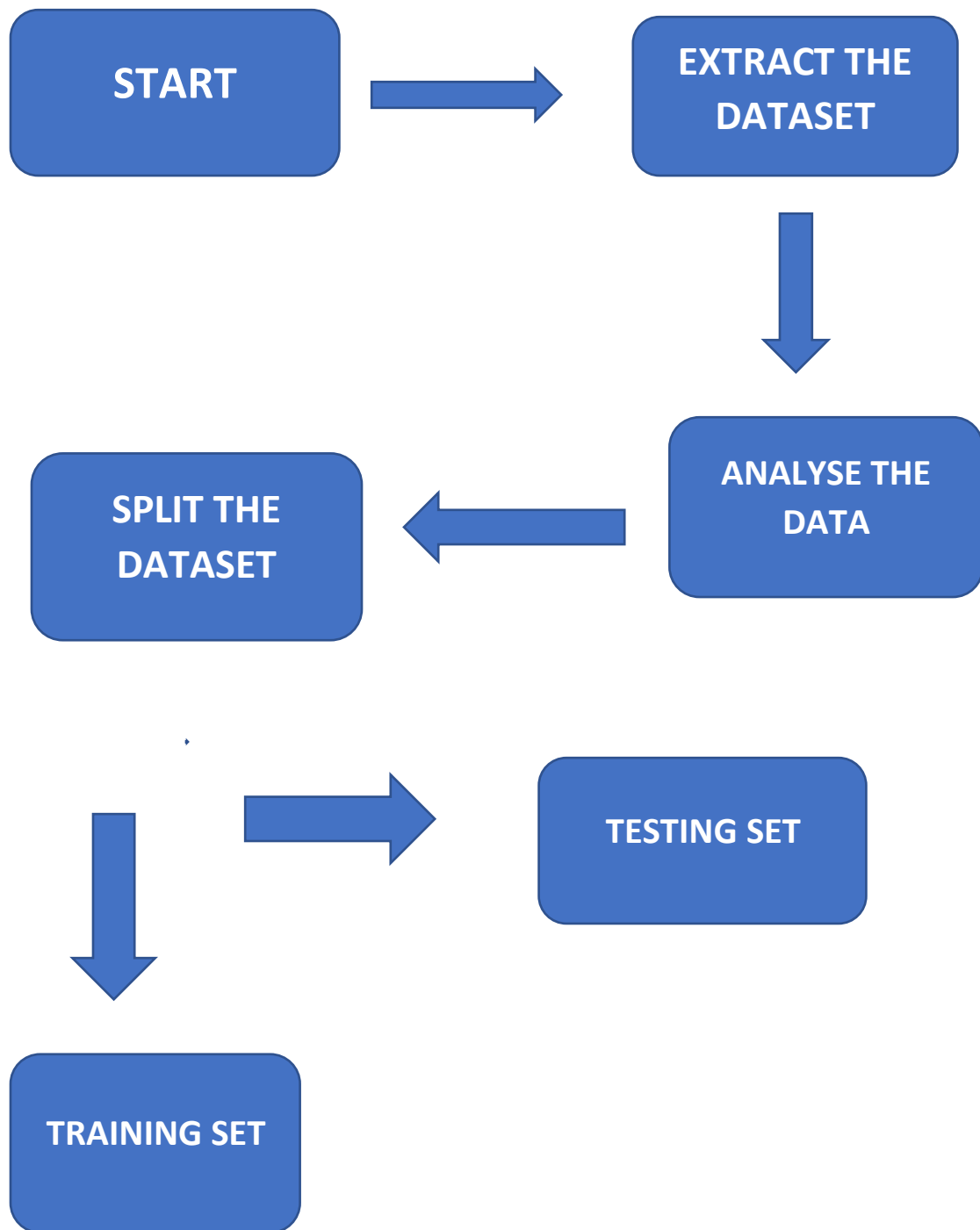
SECTION-A1

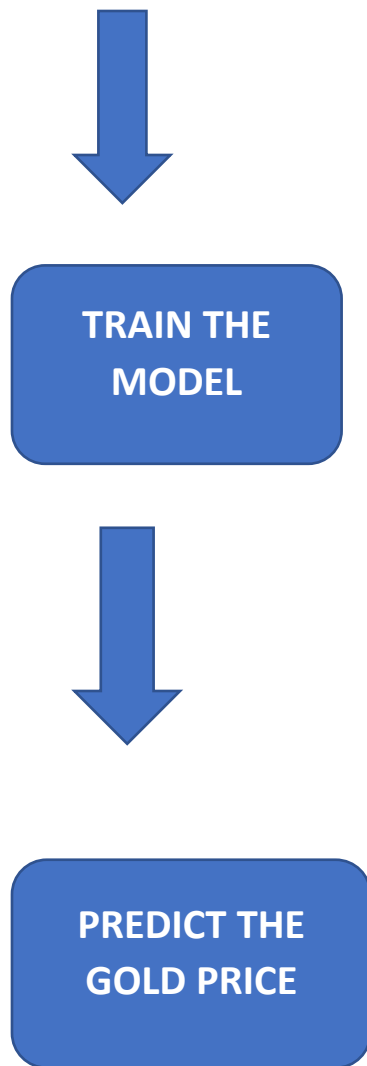**DEPT-CSE**

TITLE- PREDICTING THE GOLD PRICE

<u>Problem Statement</u> – To create a machine learning linear regression model that predicts the Gold price using the information from past Gold ETF(GLD) prices.

<u>DESCRIPTION</u> -

- GLD is the largest ETF to invest directly in physical gold.
- It reduces the difficulties of buying, storing and insuring physical gold bullion for investors.

<u>FLOW CHART</u> -

```
START  →  EXTRACT THE DATASET
                    ↓
SPLIT THE DATASET  ←  ANALYSE THE DATA
     ↓        →  TESTING SET
TRAINING SET
```

```
      ↓

┌──────────────┐
│  TRAIN THE   │
│    MODEL     │
└──────────────┘

      ↓

┌──────────────┐
│ PREDICT THE  │
│  GOLD PRICE  │
└──────────────┘
```

SCOPE -

- We can use this model to predict the gold prices and give a trading signal whether we should buy GLD or not.
- This model can help the investors a lot in predicting the prices anytime and anywhere.
- It gives an idea about the variation of gold prices based on different factors.