create table company\_Dim (

company\_key number ,

sympol varchar2(200),

security\_ varchar2(200),

sec\_filling varchar2(200),

gics\_sector varchar2(200),

gics\_sub\_industry varchar2(200),

headquarters\_location varchar2(200),

date\_first\_added date,

cik number,

founded varchar2(100) ,

industry\_group varchar2(200),

Industry\_ varchar2(200) )

ALTER TABLE company\_dim

ADD CONSTRAINT com\_pk PRIMARY KEY (sympol);

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CREATE TABLE HR.YRLY\_STK\_GD\_OIL\_INF\_INT\_FACT

(

COMPANY\_KEY NUMBER,

DATE\_KEY DATE,

OPEN NUMBER(10,2),

HIGH NUMBER(10,2),

LOW NUMBER(10,2),

CLOSE NUMBER(10,2),

VOLUME NUMBER(14,2),

GOLD\_PRICE NUMBER(10,2),

CRUDE\_OIL\_PRICE NUMBER(10,2),

INFLATION\_CONSUMER\_PRICES NUMBER(8,3),

INFLATION\_GDP\_DEFLATOR NUMBER(8,3),

REAL\_INTEREST\_RATE NUMBER(8,3),

LENDING\_INTEREST\_RATE NUMBER(8,3)

)

—-----------------------------------------------------------------------------------------------------

CREATE TABLE HR.STOCK\_PRICE\_FACT

(

COMPANY\_KEY NUMBER,

DATE\_KEY DATE,

OPEN NUMBER(10,2),

HIGH NUMBER(10,2),

LOW NUMBER(10,2),

CLOSE NUMBER(10,2)

)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

create table company\_Dim (

Company\_key number (10)constraint comp\_pk primary key ,

Sympol varchar2(50),

Company\_name varchar2(200),

Sec\_filling varchar2(200),

GICS\_Sector varchar2(200) ,

GICS\_Industry\_group varchar2(200),

GICS\_Sector\_hirarchy varchar2(200),

GICS\_sub\_industry varchar2(200),

Headquarters\_location varchar2(200),

Date\_first\_added date,

CIK number(20),

Founded varchar2(50));

……………………………………………………….

Table (Yearly\_stock\_vs\_gold\_vs\_crude\_oil\_vs\_inflation\_vs\_interest\_analysis\_fact)

—---------------------------------------------------------------------------------------------------------------

CREATE TABLE YRLY\_STK\_GD\_OIL\_INF\_INT\_FACT

(COMPANY\_KEY NUMBER(10)constraint company\_fk references company\_Dim (Company\_key),

DATE\_KEY DATE constraint year\_date\_fk references DATE\_DIMENSION(DATE\_KEY),

GOLD\_PRICE NUMBER(10,2),

CRUDE\_OIL\_PRICE NUMBER(10,2),

INFLATION\_CONSUMER\_PRICES NUMBER(8,3),

INFLATION\_GDP\_DEFLATOR NUMBER(8,3),

REAL\_INTEREST\_RATE NUMBER(8,3),

LENDING\_INTEREST\_RATE NUMBER(8,3));

—------------------------------------------------------------------------------------------------------------------

CREATE TABLE STOCK\_PRICE\_daily\_FACT

(COMPANY\_KEY NUMBER(10)constraint compny\_fk references company\_Dim (Company\_key),

DATE\_KEY DATE constraint daily\_date\_fk references DATE\_DIMENSION(DATE\_KEY),

OPEN NUMBER(10,2),

HIGH NUMBER(10,2),

LOW NUMBER(10,2),

CLOSE NUMBER(10,2),

VOLUME NUMBER(10,2));

—--------------------------------------------------------------------------------------------------------------------

CREATE TABLE MNTHLY\_STK\_GD\_OIL\_INF\_INT\_FACT

(COMPANY\_KEY NUMBER(10)constraint compn\_fk references company\_Dim (Company\_key),

DATE\_KEY DATE constraint mnth\_date\_fk references DATE\_DIMENSION(DATE\_KEY),

GOLD\_PRICE NUMBER(10,2),

CRUDE\_OIL\_PRICE NUMBER(10,2));

—-----------------------------------------------------------------------------------------------------------------

CREATE TABLE STOCK\_PRICE\_FACT

(COMPANY\_KEY NUMBER(10)constraint compan\_fk references company\_Dim (Company\_key),

DATE\_KEY DATE constraint stck\_date\_fk references DATE\_DIMENSION(DATE\_KEY),

Price NUMBER(10,3),

"Price/Earnings" NUMBER(10,3),

Dividend\_Yield NUMBER(10,3),

"Earnings/Share" NUMBER(10,3),

"52\_Week\_Low" NUMBER(10,3),

"52\_Week\_High" NUMBER(10,3),

Market\_Cap NUMBER(20),

EBITDA NUMBER(20),

"Price/Sales" NUMBER(10,3),

"Price/Book" NUMBER(10,3),

SEC\_Filings varchar2(250));

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Prev Close =

var \_\_CurrentDate= all\_stock\_daily\_fact[date]

var \_\_CurrentTicker = all\_stock\_daily\_fact[Company\_key]

return

CALCULATE(

sum( all\_stock\_daily\_fact[close]),

filter(

all\_stock\_daily\_fact,

all\_stock\_daily\_fact[Company\_key] = \_\_CurrentTicker

&&

all\_stock\_daily\_fact[date] = \_\_CurrentDate - 1

)

)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_