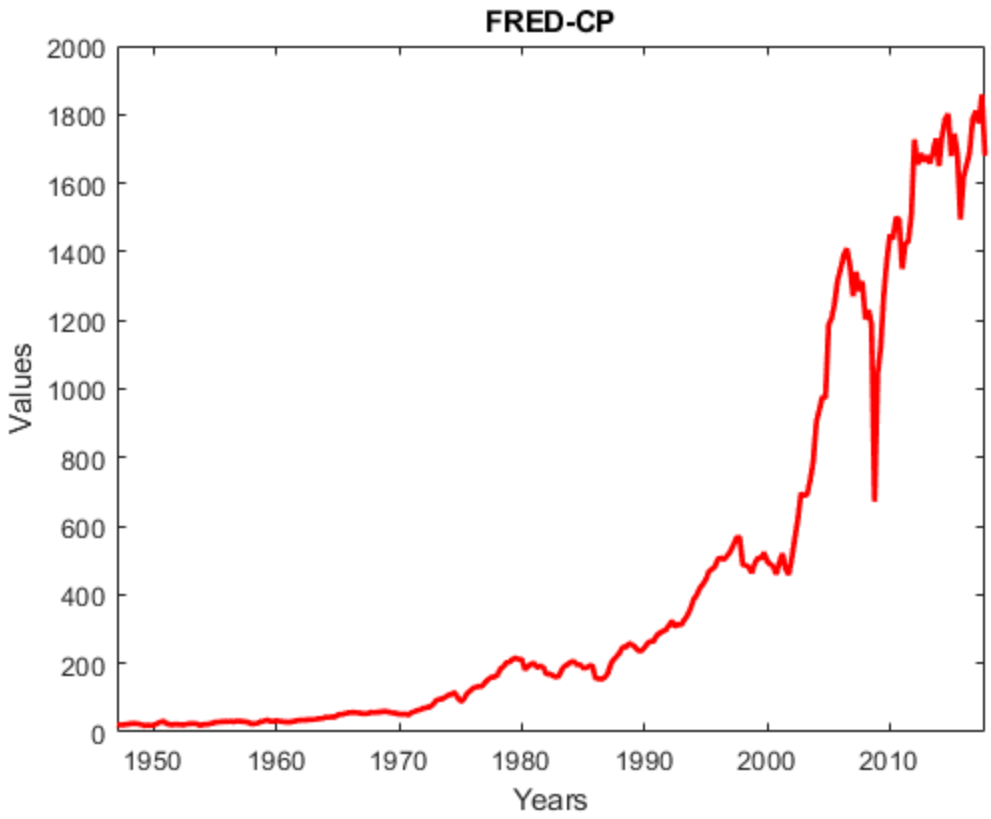
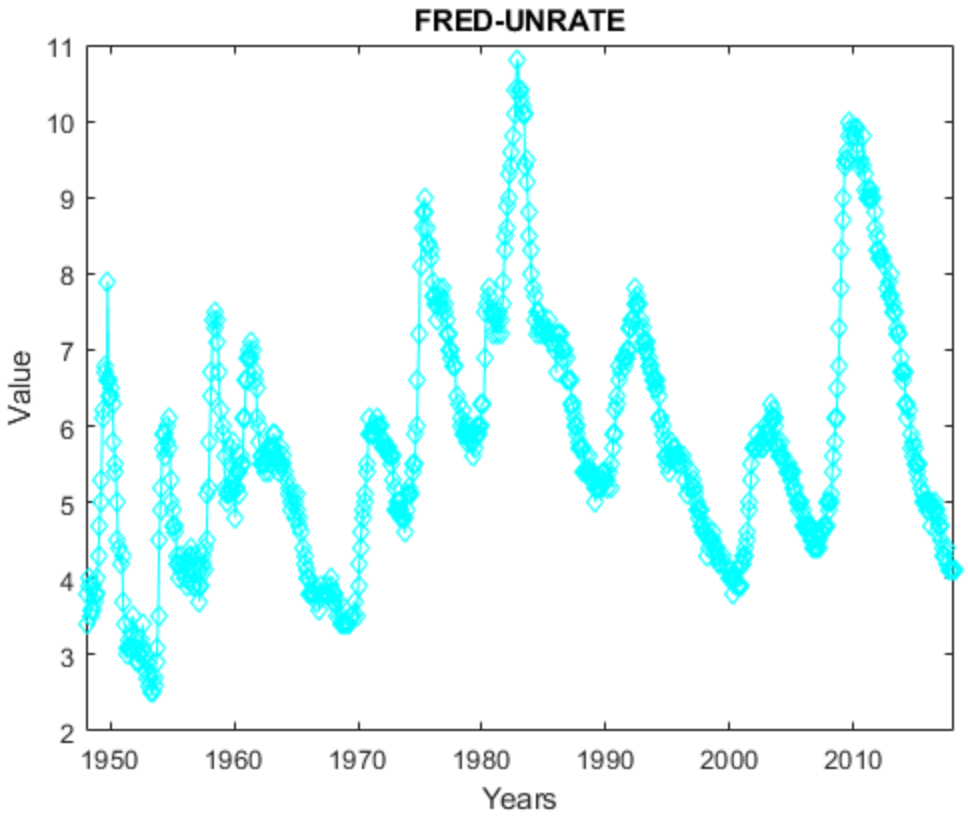
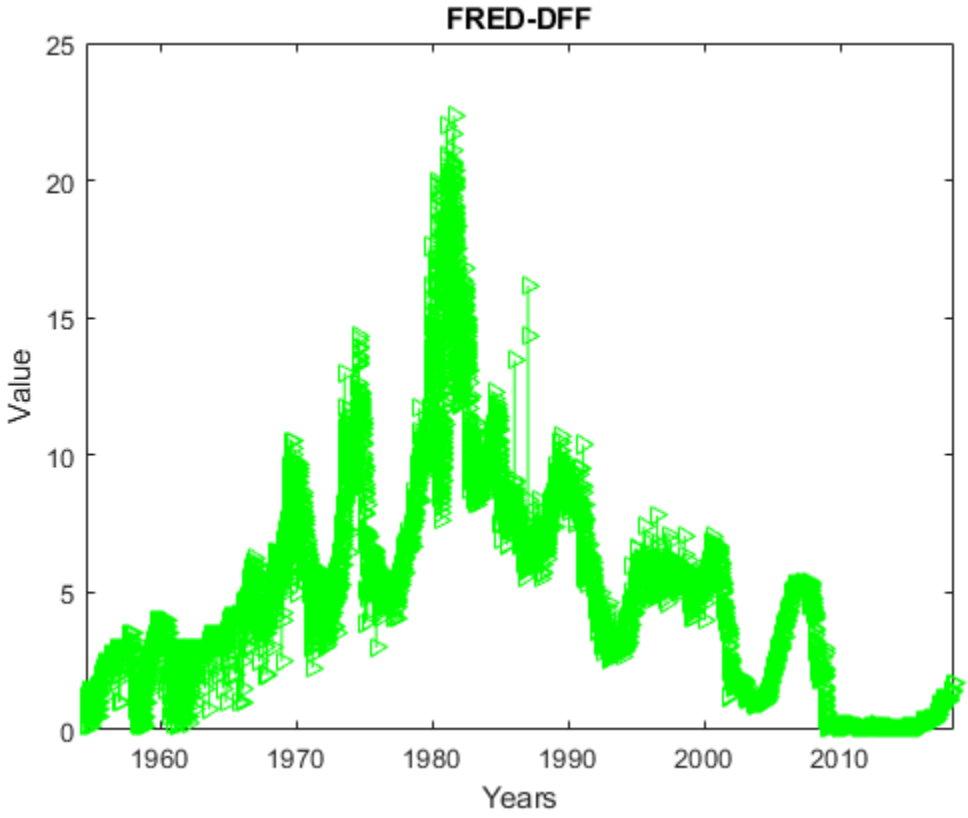
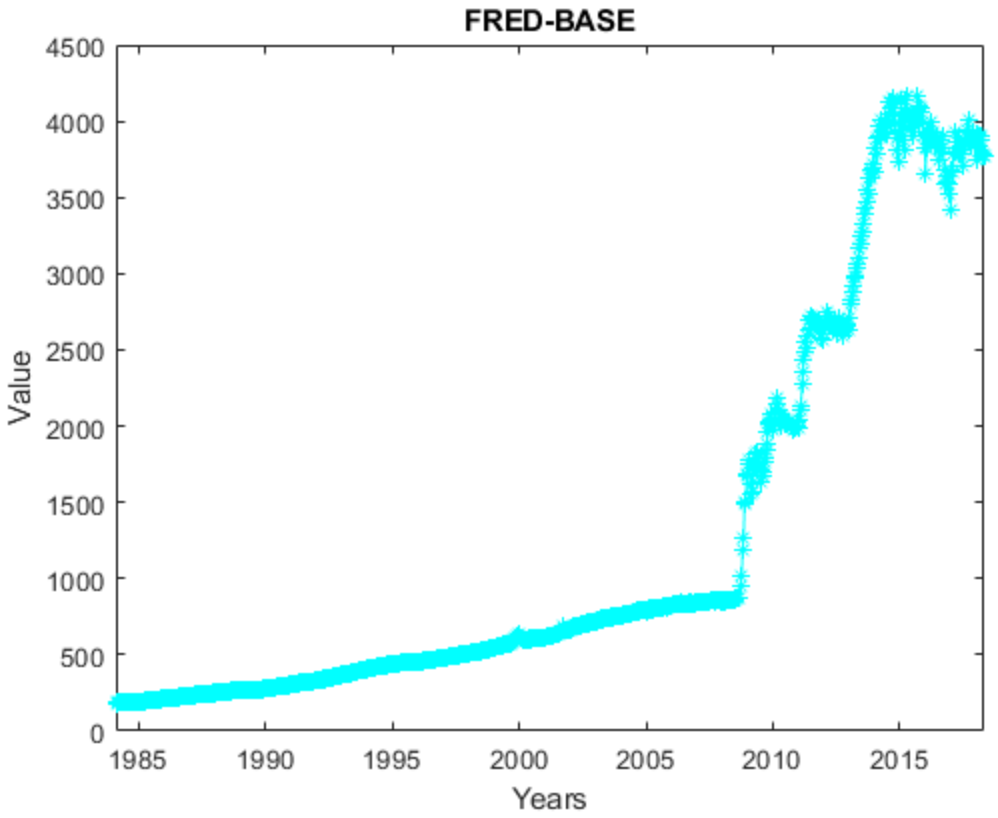
```
% Plotting the datasets with color variations.
figure(1)
filename = 'FRED-CP.csv';
CP = readtable(filename,'readvariablenames',true);
%plot(CP.Date,CP.Value,'r','Marker','*');
plot(CP.Date,CP.Value,'r','LineWidth',2,...
    'MarkerSize',10,...
    'MarkerEdgeColor','b',...
    'MarkerFaceColor',[0.5,0.5,0.5]);
xlabel('Years');
ylabel('Values');
title('FRED-CP');
hold on

figure(2)
filename = 'FRED-UNRATE.csv';
UNRATE = readtable(filename,'readvariablenames',true);
plot(UNRATE.Date,UNRATE.Value,'c','Marker','diamond');
xlabel('Years');
ylabel('Value');
title('FRED-UNRATE');
hold on

figure(3)
%filename = 'FRED-DFF.csv';
%'Delimiter', ',', 'HeaderLines', 0, 'ReadVariableNames', true,
 'Format', '%D%f'
%DFF = readtable('FRED-DFF.csv','ReadRowNames',true);
DFF = readtable ('FRED-DFF.csv','Delimiter', ',', 'HeaderLines',
 0, 'ReadVariableNames', true, 'Format', '%D%f');
plot(DFF.Date,DFF.Value,'g','Marker','>');
xlabel('Years');
ylabel('Value');
title('FRED-DFF');
hold on

figure(4)
BASE = readtable ('FRED-BASE.csv','Delimiter', ',', 'HeaderLines',
 0, 'ReadVariableNames', true, 'Format', '%D%f');
plot(BASE.Date,BASE.Value,'C','Marker','*');
xlabel('Years');
ylabel('Value');
title('FRED-BASE');
hold on


figure(5)
filename = 'FRED-DTWEXM.csv';
DTWEXM = readtable(filename,'readvariablenames',true);
figure;
plot(DTWEXM.Date,DTWEXM.Value,'y','Marker','o');
xlabel('YEARS');
```

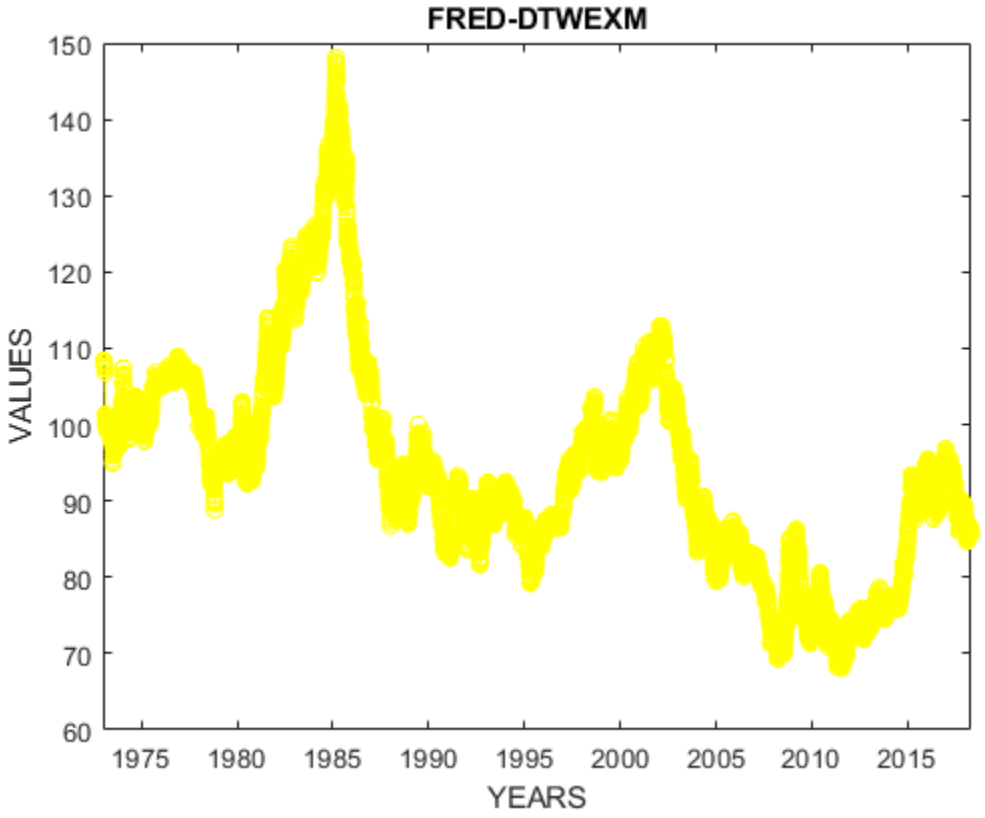
```
ylabel('VALUES');
title('FRED-DTWEXM');
hold on
```




FRED-UNRATE
Value
Years
11
10
9
8
7
6
5
4
3
2
1950
1960
1970
1980
1990
2000
2010


FRED-DFF
Value
Years
25
20
15
10
5
0
1960
1970
1980
1990
2000
2010


FRED-BASE
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Value
1985
1990
1995
2000
2005
2010
2015
Years


FRED-DTWEXM
150
140
130
120
110
100
90
80
70
60
VALUES
1975
1980
1985
1990
1995
2000
2005
2010
2015
YEARS

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