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rEADIG THE FILES USING READTABLE AND TIMETABLE

```
ee1 = readtable('FRED-CP.csv');
ee1 = table2timetable(ee1);
ee2 = readtable('FRED-UNRATE.csv');
ee2 = table2timetable(ee2);
```

# SYNCHRONIZING THE DATA

```
ee = synchronize(ee1,ee2);
```

# USING TIME RANGE FOR SPECIFY TIME PERIOD

```
R1 = timerange('2016-10-01','2017-10-01')
```

```
Attempt to execute SCRIPT timerange as a function:
C:\Users\admin\Desktop\timerange.m

Error in corrcoeffexample (line 10)
R1 = timerange('2016-10-01','2017-10-01')
```

# USING RETIME FUNCTION TO MAKE THE VECTOR LENGTHS EQUAL

```
ee1_1 = retime(ee1,ee2.Properties.RowTimes);
```

# HERE WE USE ISNAN FOR GETTING NAN VALUES

```
idx = isnan(ee1_1.Value(R1,:)) | isnan(ee2.Value(R1,:))
```

# CORRELATION COEFFICIENT

```
eee1 = corrcoef( ee1_1.Value(R1,:), ee2.Value(R1,:))
```

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