

Code from class:

```
PROC IMPORT OUT= WORK.eq DATAFILE= "C:\Users\troach2\Desktop\data\eq.xlsx"  
          DBMS=xlsx REPLACE;  
  
          GETNAMES=YES;  
RUN;  
  
PROC PRINT DATA=WORK.eq (obs=10);  
RUN;  
  
PROC MEANS DATA=WORK.eq;  
  VAR eq;  
RUN;
```

Mini-assignment (due 9/10):

1. Calculate the mean and variance of daily earthquakes prior to 2009
2. Calculate the mean and variance of daily earthquakes from January 1, 2009 to the end of the data
3. Using the average amount of earthquakes in the 2000-2009 period, calculate the probability that that amount of earthquakes would occur in a day in the 2009-2016 period.
4. Using the average amount of earthquakes in the 2009-2016 period, calculate the probability that that many earthquakes would occur in a day in the 2000-2009 period.