```sas
ods pdf file = '/home/u61979420/PSTAT130Sections/section10.pdf';
FILENAME REFFILE '/home/u61979420/PSTAT130Files/FPCPITOTLZGUSA.csv';

PROC IMPORT DATAFILE=REFFILE
    DBMS=CSV
    OUT=WORK.import;
    GETNAMES=YES;
RUN;

data inflationpercents label;
set work.import (rename= (FPCPITOTLZGUSA = INFLATION));
run;

proc means data = inflationpercents;
var INFLATION;
run;
proc gplot data = inflationpercents;
plot INFLATION * date;
format date year4.;
symbol value = circle, i = join;
label date = 'Year' inflation = 'Inflation (%)';
title 'Inflation in the U.S. from January 1960-January2021';
run;
ods pdf close;
/* This data set represents the inflation rates in the United States from 1960-2021.
The avergage inflation is approxiamtely 3.7%, but ranges from -0.35% to 13.5%. A dramatic
increase begins in 1975, resulting in a peak in approximately 1980, as the end of the
Vietnam War likely caused a recession. With the average inflation rate being < 4%, this peak
in 1980 is most likely an outlier. Inflation then averages out until 2020, staying (relatively
speaking) in the 2-3.5% range where we see it begin to rise, likely as a result of the COVID-
19 Pandemic. */
```

The MEANS Procedure

Analysis Variable : INFLATION				
N	**Mean**	**Std Dev**	**Minimum**	**Maximum**
62	3.6964859	2.7535598	-0.3555463	13.5492020

Inflation in the U.S. from January 1960-January2021