Mean: `mean(x)` Mode: `mode(x)` Median: `median(x)` average: `average(x)`
Standard Deviaton: `std(x)`

```
% 99%
mean(yr)+3*std(yr)
mean(yr)-3*std(yr)

% 95%
mean(yr)+2*std(yr)
mean(yr)+2*std(yr)

t=-:-/1"4*pi
f1=cos(t);
f2=sin(t)+2*cos(t);
f3=sin(t).^2-cos(t);
f4=cos(t)*sin(t);
```

Plotting:

```
plot(t,f1,'-',t,f2,'-.',t,f3,'--',t,f4,':'), xlabel("time in Sec."), ylabel("Sinusoidal Func
```

Sub Plotting:

```
% subplot (m,n,i)
subplot(2,2,1)
plot(t,f1)
subplot(2,2,2)
plot(t,f2)
subplot(2,2,3)
plot(t,f3)
subplot(2,2,4)
plot(t,f4)

plot f1
hold on
plot f2
plot f3
plot f4
hold off

stdm = std(x)/sqrt(27)
```