PLOTTING METHODS

AIM:

To visualize dataset using various plotting method.

Code:

T=readtable('cereal.csv');

figure;

scatter(T,"calories","protein");

xlabel('Calories');

ylabel('Protein');

title('Scattter plot');

A=T{:,"calories"};

figure;

bar(A)

title('Bar chart');

figure;

boxplot(A)

ylabel('Calories');

title('Box plot');

figure;

x(1)=T{1,"calories"};

x(2)=T{1,"protein"};

x(3)=T{1,"fat"};

x(4)=T{1,"sodium"};

x(5)=T{1,"fiber"};

x(6)=T{1,"carbo"};

x(7)=T{1,"sugars"};

x(8)=T{1,"potass"};

x(9)=T{1,"vitamins"};

pie(x,{'calories','protein','fat','sodium','fiber','carbo','sugars','potass','vitamins'});

title('Pie chart');

figure

X=1:74;

A=T{:,"fiber"};

B=T{:,"protein"};

C=T{:,"fat"};

plot(X',A,X',B,X',C);

title('line plot');

Output:

