Edge detection
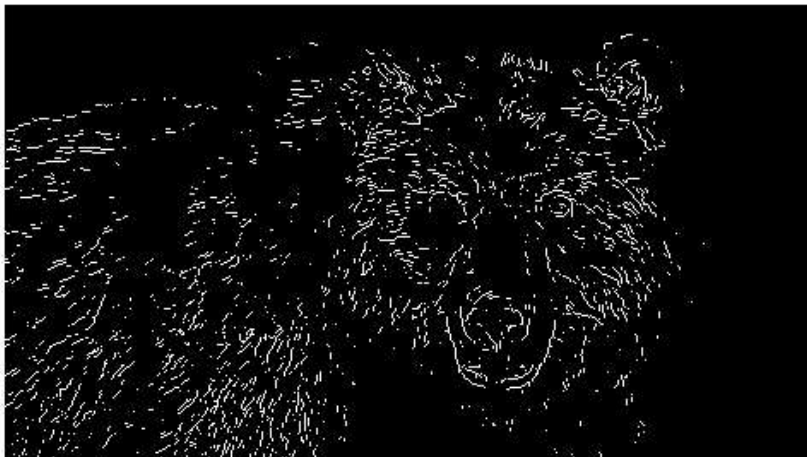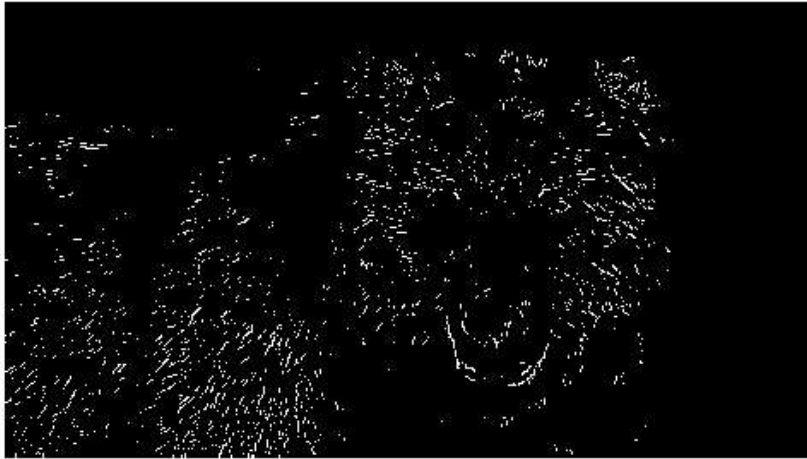
```
a = imread('C:\Users\ASWATH\Desktop\github\bear1.jpg');
imshow(a);
```



```
b = rgb2gray(a);
bw = edge(b,'Prewitt');
imshow(bw);
```



```
bw1 = edge(b,'Roberts');
imshow(bw1);
```

where is it used

It is used in medical imaging and bio medical sector for imaging processes like X ray, CT analysis etc. nowadays edge detection is also used in simple motion deetction and surveillance drones