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## **Task : Data Collection (Tower inspection)**

Today i have collected the following datasets.

### **Web Scrapping :**

I have used chrome extension called Image Downloader – Image eye for web scrapping.

Collected Datasets :

General Insulators – 347 images

Pin Insulators – 294 images

Suspension type insulator – 500 images

Damaged Insulator – 22 images

Bird's nest in cell tower – 145 images

Initially above category images contains some unwanted data , I had manually visited and cleaned them.

### **Video to Image :**

I have converted video to image using python script with opencv. Downloaded video from youtube , facebook , and some web sites.

Birds nest in Power Line – 79 images

Bird's nest in Telecom Tower – 121 images