



ContainerCV WebNova

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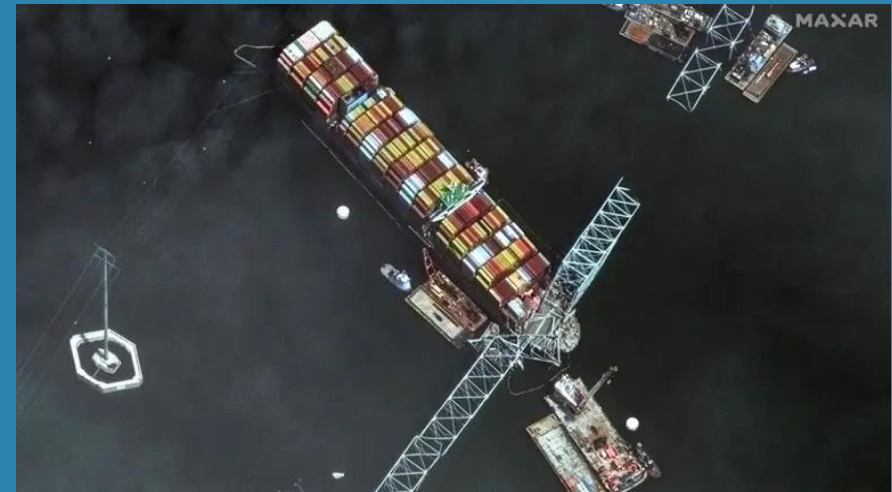
Containers Tracking

- Tracking Containers is an essential activity in maritime logistics and International Trade
 - for tracking port congestions
 - container fleet positioning
 - supply chain predictions



- Satellite Imagery has been helpful in
 - port operations**
 - detecting ships and containers stuck in bottleneck zones**

Specific use cases need algorithms to
identify and count objects



WebNova-Container Challenge

The objective:

To count the differences in the containers between 2 images of the same Latitude/Longitude

Solution:

The 2 images are run through the sift detect and compare.

Then, they are fed through the BruteForce compare (BFCompare) for matching.

The distance difference against a threshold is used to calculate the differences.

Output:

The differential imagery and the length of the differences in the objects detected, the difference in number of containers is reported in the output directory.

WebNova-Container Challenge

Output :

Original With Differences:



Compared With Differences:



Number of differences in the identified objects (Shipping Containers) : 17165



results.txt