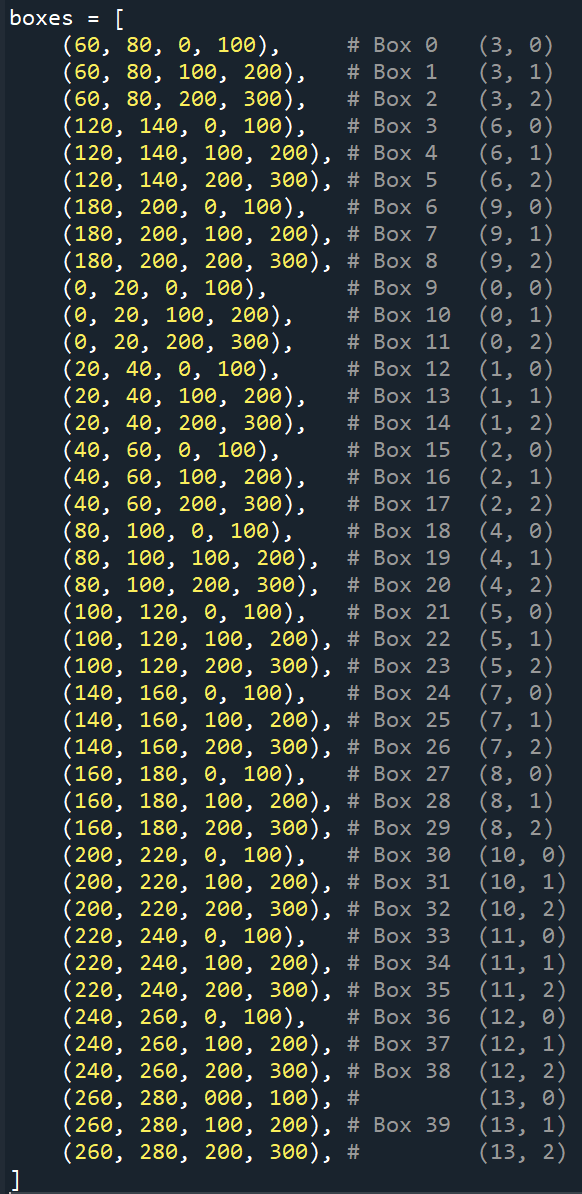
Radiance(time, y\_along\_track, x\_cross\_track)

Should x be along track?

Map boxes to a 2 d array.



Create two new dimensions: y\_box\_along\_track (size=3), and x\_box\_cross\_track (size=14)

Add MLCloud variable (‘time’, ‘y\_box\_along\_track’, ‘x\_box\_corss\_track’)

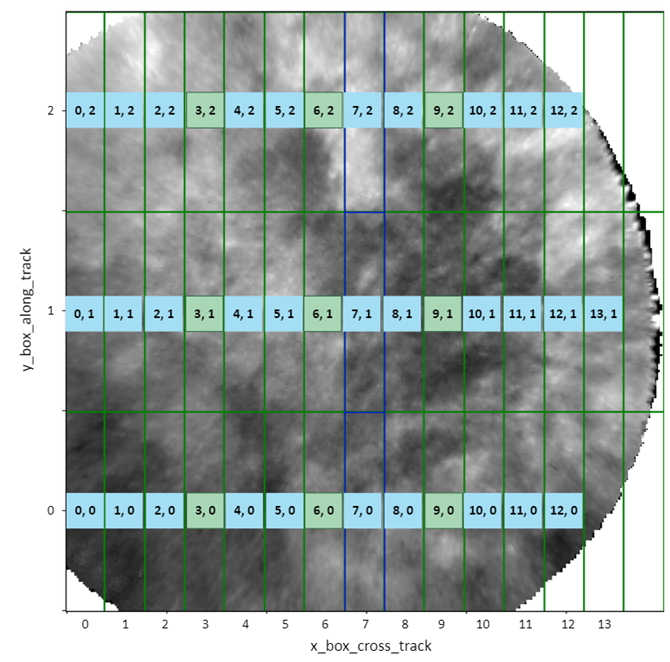
Modify the visualization script accordingly.

I made modifications based on our discussion earlier today regarding the structure of ML information in the NetCDF files.

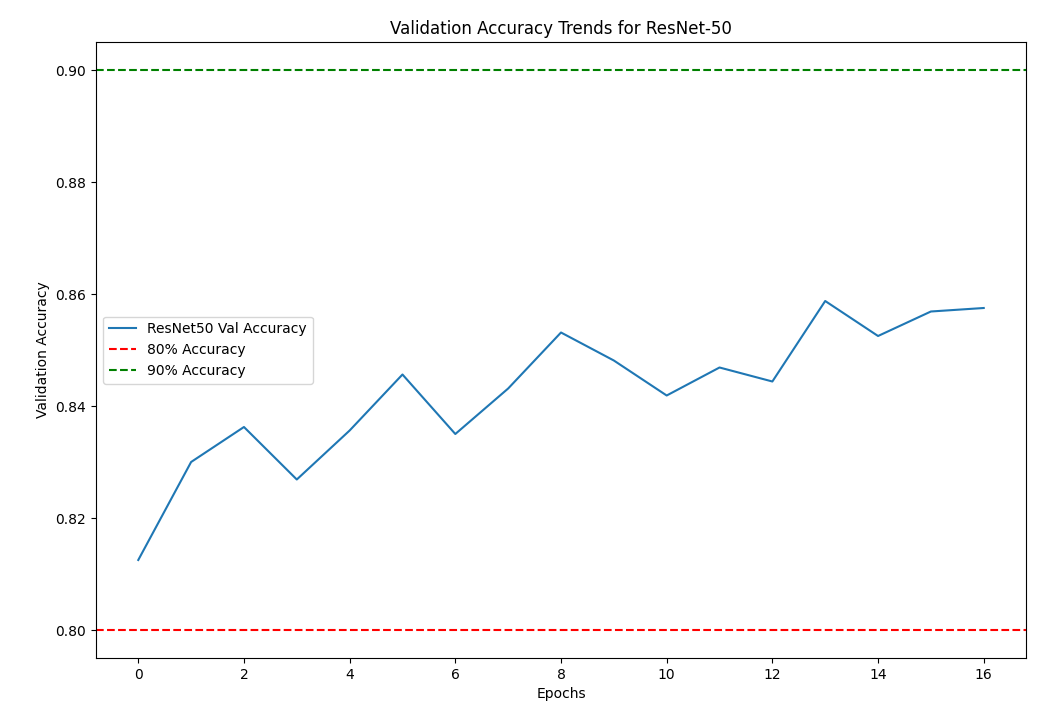
**What I did:**

* Verified that in the NetCDF file, the variable **Radiance** is saved as Radiance(time, y\_along\_track, x\_cross\_track).
* Mapped the boxes to a 2D array.
* Added two new dimensions: y\_box\_along\_track (size=3) and x\_box\_cross\_track (size=14).
* Included the MLCloud variable with dimensions (time, y\_box\_along\_track, x\_box\_cross\_track).
* Updated the visualization script accordingly.

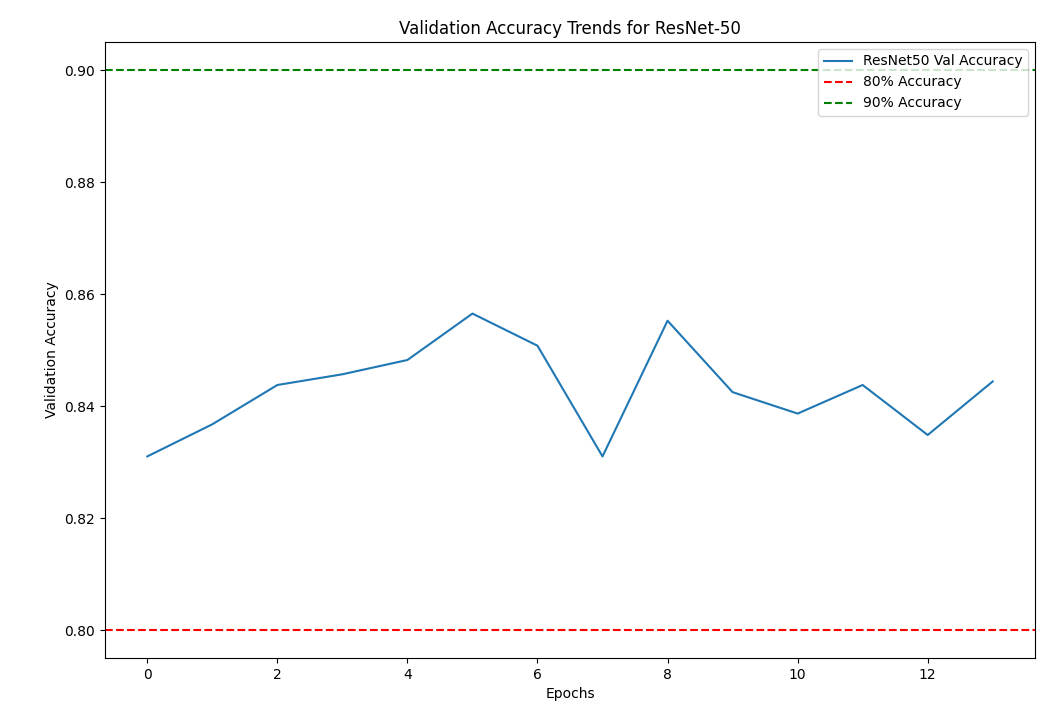
The boxes in the NetCDF file are now organized in the format (x\_box\_cross\_track, y\_box\_along\_track) as shown in the attached figure.



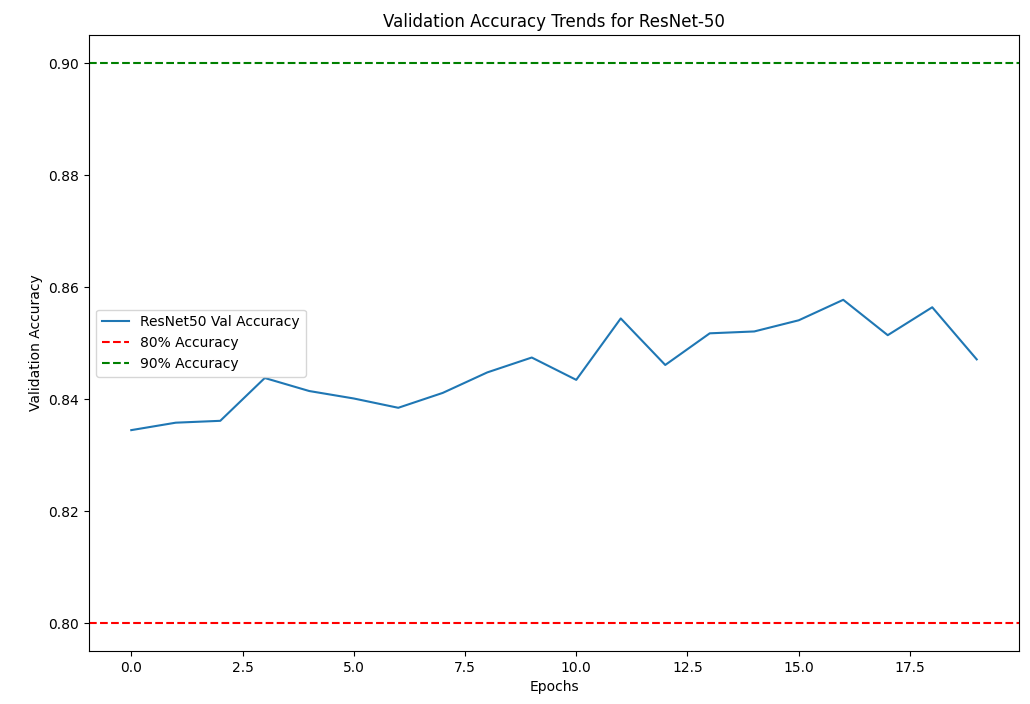
Dominique’s labelling:



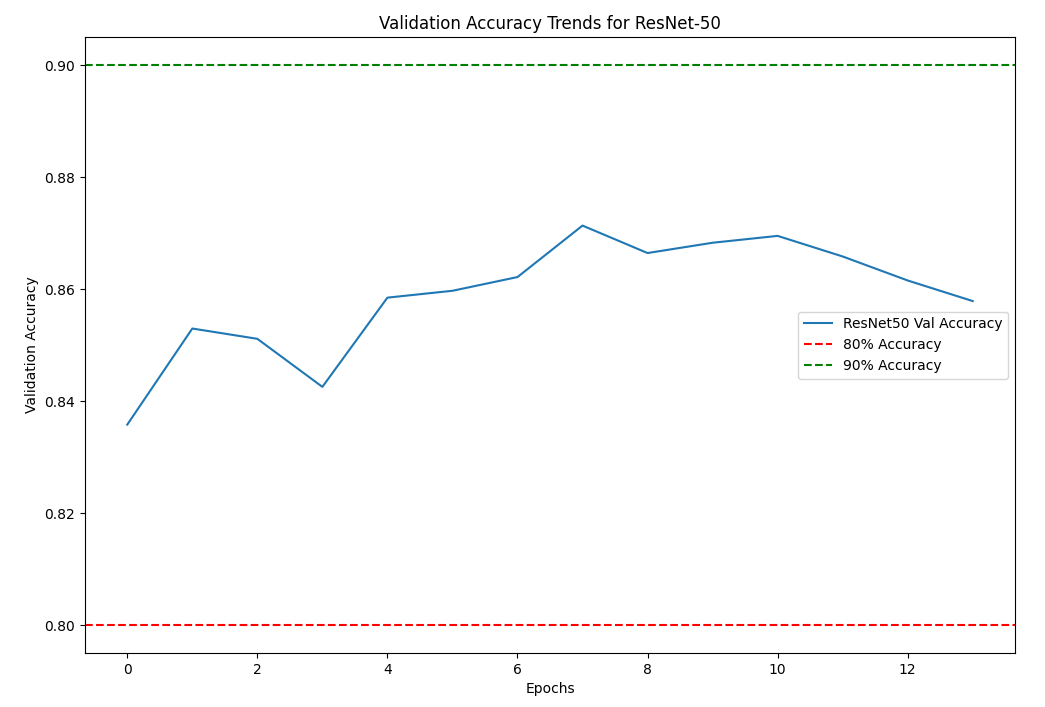
Expand the size of the boxes (40x100):



(30x100):



Before and after: 5 -> 3 frames



30x106, 3 frames

