

Self Organizing Maps [SOM] - Kohonen Maps - ANN w.r.t Python involving Image Processing Algorithms -> A Simple Suggestion to TEST ON : AI + Smart Devices + IoT + HPC Systems.Exploring Python & Meta-programming Concepts to Advance COVID-19 Related Bio-informatics & Medical Imaging Frameworks.

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[I] Main Idea + Inspiration + Introduction :

<https://www.vixra.org/pdf/1910.0009v1.pdf> -> [Exploring Meta-programming + AI -> to Probe Complex Design Patterns -> Next Generation Medical Software R&D or Advanced Electron Microscopy Techniques]

<https://www.geeksforgeeks.org/self-organising-maps-kohonen-maps/>

<https://towardsdatascience.com/self-organizing-maps-1b7d2a84e065>

<https://pyscience.wordpress.com/2014/09/08/dicom-in-python-importing-medical-image-data-into-numpy-with-pydicom-and-vtk/>

<https://www.pyimagesearch.com/2021/01/04/opencv-augmented-reality-ar/>

[II] Bio-informatics + Medical Imaging R&D Framework :

Just Fine Tune our Algorithms to suit your needs.

We are testing our ideas in some of our COVID-19 Projects involving Medical Imaging + Bio-informatics.

Thanks - Dr.Nirmal.

[III] Important References : [a] https://www.vixra.org/author/nirmal_tej_kumar -> Lot of Examples for your use - With Thanks - Nirmal.
[b] <https://github.com/alexarnimueller/som>

[IV] Acknowledgment/s : Non-Profit R&D.Inspire others always.Sincere Thanks to all WHO made this happen in my LIFE.

[V] Conclusion/s + Future Perspectives : One of the pioneering R&D Efforts in this challenging domain.

[THE END]