Monitoring Shannon Entropy of Advanced Image Processing w.r.t Medical Imaging/DICOM Using Intel Movidius Neural Computing Stick based on OCaml + Owl-Machine Learning + Python → A Novel Design Using Functional Programming & Python.

[Exploring Inception V3 Architecture for Advanced Image Processing R&D Using OCaml + Owl + Python]

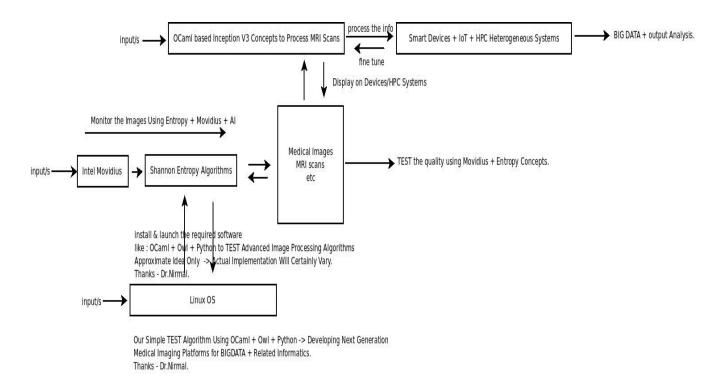
Dr.Nirmal – ante Inst UTD Dallas TX USA.

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[I] Main Idea + Inspiration + Introduction :

 $\underline{https://medium.com/@matriXanger/image-recognition-with-owl-a5a6d0caef33} - Image \ Recognition with \ Owl.$

[II] R&D Informatics Framework Using OCaml + Python:



[Figure I – A Simple Algorithm I – To TEST Medical Images Using OCaml + Python]

* Movidius + Shannon Entropy are based on Python. Rest is in Ocaml. Testing in Progress.

[III] Important References (((via))) github or Vixra.org:

[a] https://github.com/tejdnk-2019-ShortNotes

[IV] Additional Information:

- [a] https://ocaml.xyz/book/case-image-inception.html
- [b] $\underline{\text{https://ocaml.org/}}$ && $\underline{\text{https://coq.inria.fr/}}$
- [c] https://movidius.github.io/blog/
- **[V] Acknowledgment**/s : Sincere Thanks to all WHO made this happen in my LIFE. Non-Profit R&D. Inspire Others Always.

[VI] Conclusion/s With Future Perspectives : One of the pioneering R&D Ideas. Very Useful.

[THE END]