Testing Semantics (((via))) Dr.Racket Programming Language w.r.t Advanced Medical Imaging Using Python + AI/ML + LLVM + PyXNAT : XNAT in Python + PyMVA -> A Novel Theoretical & Practical Approach to TEST our Image Processing Algorithms for Probing MRI Scans - A Short & Interesting Technical Communication.

[Exploring **Invesalius Software & NeuroDebian Software w.r.t PyMVA** -> For Advanced Testing on Smart Devices + IoT + HPC Systems]

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[I] Main Idea + Inspiration + Introduction :

Why Machine Learning Needs Semantics Not Just Statistics ? by Kalev Leetaru Contributor AI & Big Data :

[Source -> https://www.forbes.com/sites/kalevleetaru/2019/01/15/why-machine-learning-needs-semantics-not-just-statistics/?sh=5876683877b5]

[II] R&D Algorithms & Informatics Framework Using Dr.Racket + Python + LLVM + AI/ML + PyXNAT :

Please generate your own R&D informatics framework using the references & above mentioned software tools.

Rigorous Testing in Progress @ the TIME of Submission.Thanks for understanding - Dr.Nirmal.

[III] Important & Useful References :

[a] https://racket-lang.org/ & [b] https://github.com/tejdnk-2019-ShortNotes

[c] https://neuro.debian.net/ & [d] https://github.com/invesalius/invesalius3

[e] Implementing Python for DrRacket Pedro Palma Ramos and António Menezes Leitão

[f] https://www.cogitotech.com/blog/what-is-semantic-image-segmentation-types

[g] https://docs.racket-lang.org/redex/

[IV] Acknowledgment/s :

Sincere Thanks to ALL.Non-Profit R&D.Inspire others always for it is GOOD.

[V] Conclusion/s + Future Perspectives :

One of the pioneering R&D Efforts in this highly challenging domain of Medical Imaging.Keep Hacking.....Happy Probing.

With thanks for reading our technical communication.

[THE END]