Bayesian Machine Learning + NLP w.r.t KOKA Language involving [DNA & RNA] Sequencing Towards [Designing + Testing + Implementing] Next Generation Bio-informatics Using Minsky Machines on HPC Heterogeneous Platforms.

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## [I] Main Idea + Inspiration + Introduction :

[ In a similar way it is possible to understand -> Protein Folding Mechanisms ]

Title is very clear. Just Follow the KOKA instructions.

## [II] KOKA based R&D Informatics Framework:

KOKA BASED BIO-INFORMATICS FRAMEWORK -> NEXT GENERATION DNA/RNA SEQUENCING FOR COVID -19 RESEARCH

ONE OF THE PIONEERING R&D EFFORTS IN THIS HIGHLY CHALLENGING DOMAIN OF SCIENCE & TECHNOLOGY LET US PROBE MORE. process + transmit the information input/s BIG DATA output/s Analysis Using KOKA Running on IoT/HPC Systems DNA/RNA Next Generation Sequencing on Linux + LLVM System. involving DNA/RNA Sequencing Algorithms based on Bayes Machine Learning Concepts. Minsky Machines based Monitoring of Nano-Bio Informatics -> Develop NLP Framework/s KOKA + Related Tools like Bayes Machine Learning Library Please Check + Satisy Yourselves. Not all the DETAILS are covered. Nature of our work: Still Testing. Actual Implementation Will Certainly Vary. input/s Linux OS + LIVM LLVM based Fine Tuning of Parameters Simple Algorithm I - KOKA based Advanced Next Generation DNA/RNA Sequencing Algorithms Doing our BEST to include in our Production based IT related Projects Thanks for Understanding - Dr.Nirmal - Informatics R&D - USA/Brazil/Israel. Please read all the literature before using our simple idea.

[ Figure I  $\rightarrow$  A Simple Bio-informatics Algorithm Using KOKA ]

- [III] Useful + Important References:
- [a] <a href="https://github.com/koka-lang/koka">https://github.com/koka-lang/koka</a>
- [b] <a href="https://github.com/tejdnk-2019-ShortNotes">https://github.com/tejdnk-2019-ShortNotes</a>

[IV] Acknowledgment/s:

Sincere Thanks to all WHO made this happen in my LIFE. IT is GOOD to Inspire Others Always. Non-Profit R&D.

[THE END]