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Please read our online technical notes on GitHub : **Please check our references mentioned below for your information.**

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graph LR
    Input1[Input/s] --> BM[Bayesian Methods as input/s to KOKA & GCCS Systems]
    BM --> Check[Check the CODE using XFOR i.e C Programs generated by KOKA or GCCS]
    Check --> XFOR[XFOR Tools & KOKA + GCCS based C Programs]
    XFOR -- "process the information" --> SD[Smart Devices + IoT + HPC Systems]
    SD -- "fine tune the algorithms for better performance" --> XFOR
    XFOR --> DB[Mongo DB or similar DB -> Space + Medicine or other Important S&T Domains.]
    DB -- "Testing in progress." --> XFOR
    DB -- "Thanks - Nirmal." --> XFOR
    Input2[Input/s] --> Linux[Linux - LLVM to TEST]
    Linux --> Poly[fine tuning Poly -LLVM /LLVM based tools etc....]

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Please read our notes on Vixra.org or github to know more about our R&D.

Approximate Idea as a suggestion only. Please check + satisfy yourselves on this approach. It is highly useful to explore KOKA/GCCS based C Programs using XFOR Tools to probe the frontiers of Software R&D. We are not going into th full details because our present idea is written as Short Technical Notes. Thanks for understanding - Nirmal.

Algorithm I - Testing our Simple Idea -> Targeting Next Generation Smart Devices + IoT + HPC Heterogeneous Systems. We are focusing on Space + Medicine + Telecoms + HPC R&D Domains. One of the pioneering research efforts. Actual Implementation will certainly vary to some extent for sure - please check .

Here, we intend to study both GCCS & KOKA to probe our C Programs in designing advanced Software for our Medical Imaging Systems & Related Informatics using Bayesian Methods. **Actual implementation might vary to some extent - Please check.**

[III] Important & Useful References :

[a] <https://www.kdnuggets.com/2016/07/bayesian-machine-learning-explained.html>

[b] <https://github.com/tejdnc-2019-ShortNotes/2021-Nir-Informatics/blob/main/KOKA-Bioinfo-Nir-21-GW.pdf>

[c] <https://github.com/tejdnc-2019-ShortNotes/2021-Nir-Informatics/blob/main/KOKA-Bioinfo-Nir-21.pdf>

[d] <https://github.com/tejdnc-2019-ShortNotes/2021-Nir-Informatics/blob/main/KOKA-Radiology-Nir-21.pdf>

[e] <http://xfor.gforge.inria.fr/index.html> && [f] <http://gentle.compiler-tools.net/>

[g] <https://github.com/tejdnc-2019-ShortNotes/tejdnc-Space-Medicine-Informatics-github.io/blob/master/GCCS-ACCENT-Nirmal-Gene-Chips-2020.pdf>

[h] <https://www.vixra.org/pdf/1910.0257v1.pdf> && [i] <https://polly.lvm.org/> && [j] <https://polyhedral.info/>

[k] <https://www.microsoft.com/en-us/research/uploads/prod/2021/06/perceus-pldi21.pdf>

[IV] Acknowledgment/s :

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

[V] Conclusion/s + Future Perspectives :

One of the pioneering efforts in this advanced Software R&D domains.Worth pursuing it.Testing @ the time of submission.
Hope more technical notes or communications will follow based on our research efforts.Thanks.

[THE END]