

An engineer of electro-optical sensors with operational proficiency in algorithm development & optimising hardware design. With sound exposure in life-sciences allied bioefficacy process-automation, currently consuming myself as subject matter expert for imaging science and technologies for multiple applications in a very agile and flexible collaborative settings with multiple organisations. I am good in performing things in parallel rather than sequential with signal- & ethical-integrity at first place, and hence translating the STEM-learning back to society through a multi-disciplinary, -regional, -cultural and -generational global & charitable initiative. Taking Death as reference rather than Birth, making action-allied efforts in bringing more to Life and to the World.

Industry-Life Sciences:

1. Chemical Research Biology & Digital Pathology-Bioefficacy (Agriculture, Agrochemical, Pharmaceutical)
2. Machine Assistive Diagnostics & Therapies (Genes, Cells and Body)

Industry-Natural Sciences:

3. Handling and curating the rawest form data to resource mapping from aerial and space platforms
4. Resources characterisation and seamless decision making pipelines for execution & implementation

Industry-Sensing Systems & Automation:

5. Machine Assistive Observation Improvement & Data-mining (Hardware-design and point pattern analysis)
6. Cognition to Recognition to AI (Bringing trust and reliability in customised automation)

Industry-Academia Consultancy:

7. Independent subject matter expertise to complement the project or product- or service-life cycle

Core functionality

Standardization of early-phase-research processes where imaging is involved; Optimization of imaging sensor design; Improving acquisition strategy; Developing data-processing pipelines; Automating manual-cognition to machine-recognition.

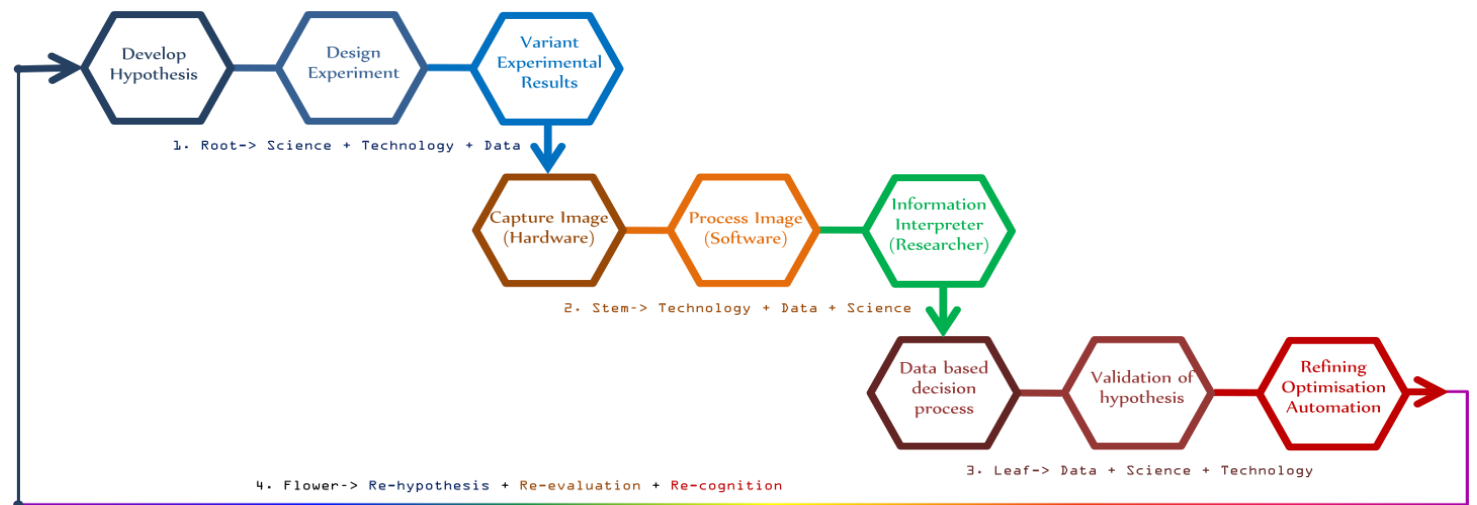


Figure 1. A simplified flowchart journey depicting my role and functionality as design- and optimisation-process

Driving Research Instinct:

With some sound exposures in globally scalable research settings (at the academia-industry interfaces) and in the world of rapidly changing and growing technologies, organisations with abundance of resources are unknowingly creating abundance of redundancies as digital liabilities rather than assets and need some more optimal approach that can improve the overall efficiency within the triangular constraints of performance, productivity and cost.

And hence always carry a basis or principle that, "Everyone needs lesser resources and everyone deserve more productivity in the limited life-span", and that bends me to think and collaborate on:

"Justifying what, when, and why which less is more and which more is less important"

Adventurous pathways and inspirational stories can happen in sync, that too on this planet Earth.

...WALKing, RUNing, FLYing, HIKing, CLIMBing, REPEATing...

...Sincerely...