Bangladesh University of Engineering and Technology
Department of Electrical and Electronic Engineering
4IR Advanced Research and Innovation Park

Applied Artificial Intelligence Research Laboratory

Key Research Areas:

Big Data, AI, Machine Learning, Deep Neural Networks, Health Informatics
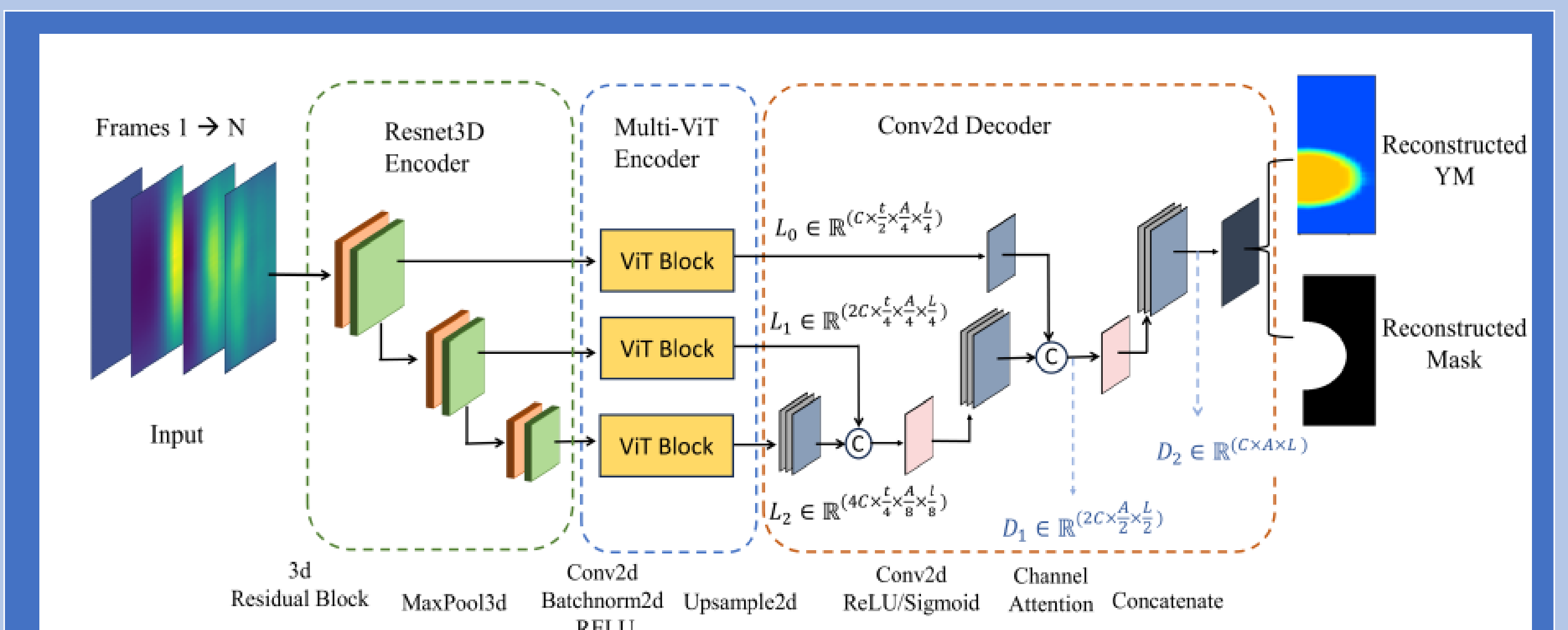
Collaborative Entities:

ICT Division, Google, Microsoft Research
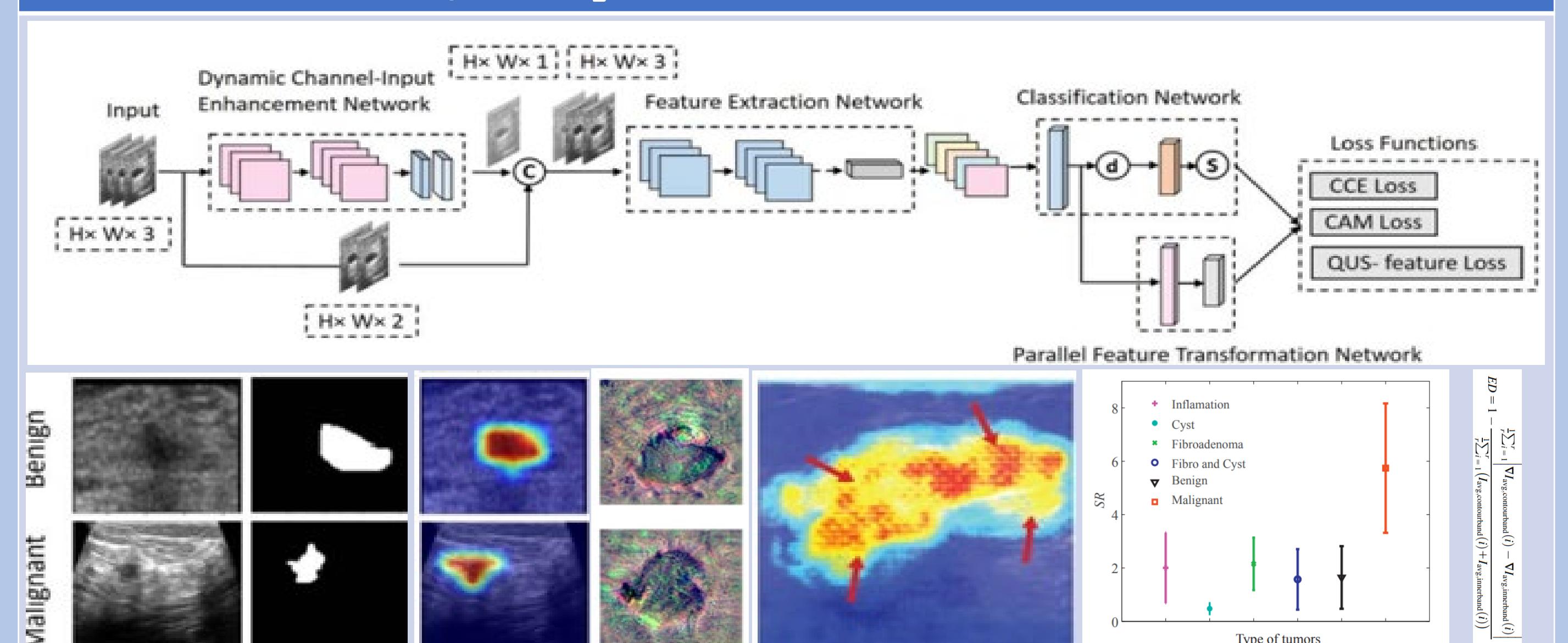
Collaborative Activities:

Research and innovation in the area of big data analysis, applied machine learning and artificial intelligence

Objectives of the Lab:

- Advancing foundational AI research by accelerating AI-powered innovation
- Meet the needs of society in various sectors such as healthcare, transportation, wild-life protection, clean air and water, and national security.
- Building the next generation of talents for a diverse, well-trained workforce.
- Bringing together multidisciplinary groups of scientists, engineers and educators
- Creation and sharing of computational infrastructure, data and software to further research
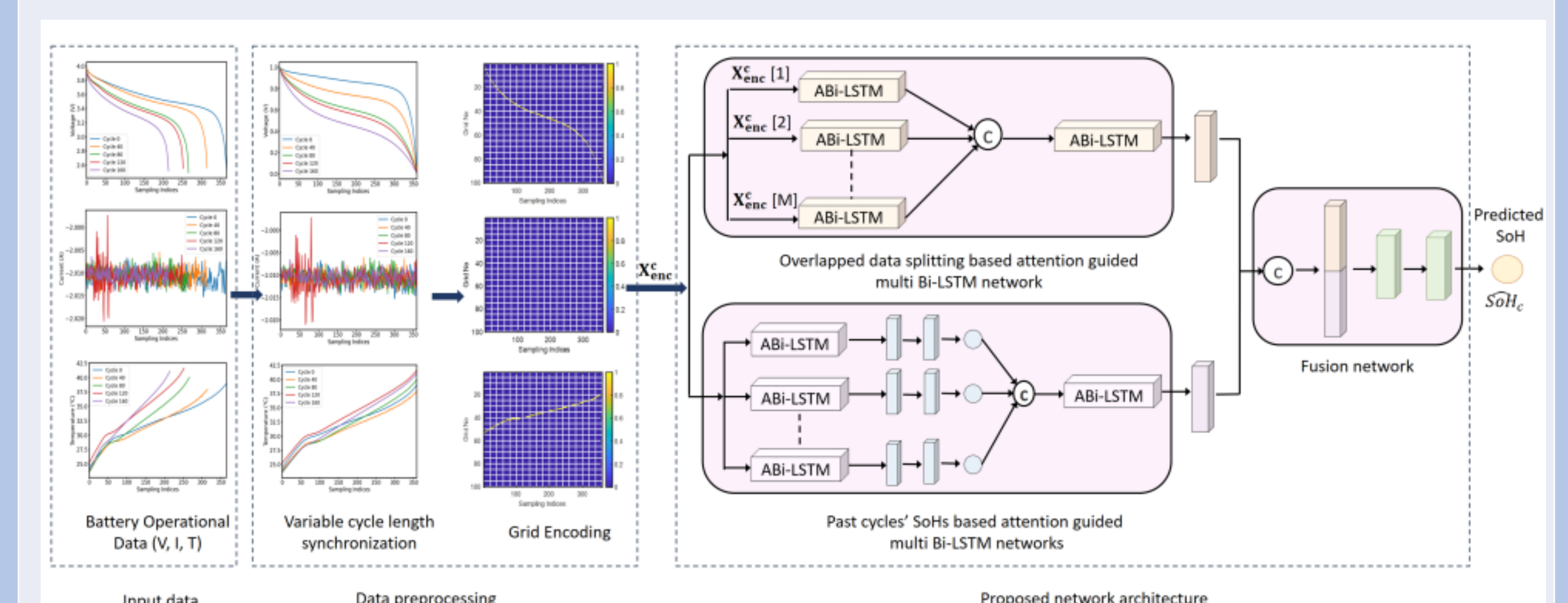

Some Funded Projects:

DL-Based Shear Wave Imaging and Segmentation. [Fuji Film Healthcare, USA]

ML Based Breast Cancer Detection. [HEQEP, UGC]

DL Based EV Battery Health Monitoring. [Poly Cable Industries Ltd, Bangladesh]

Contact Information
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