

Research References

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General approach papers

- <https://ieeexplore.ieee.org/document/9398736> : A Novel Approach of Chewing Detection based on Temporalis Muscle Movement using Proximity Sensor for Diet
- <https://ieeexplore.ieee.org/document/9111803> : Tiny Eats: Eating Detection on a Microcontroller
- <https://arxiv.org/abs/2311.11883> : Efficient Neural Networks for Tiny Machine Learning: A Comprehensive Review
- <https://dl.acm.org/doi/10.1145/3661820> : A Review on the emerging technology of TinyML

Towards Personalization

- <https://dl.acm.org/doi/abs/10.1145/3639856.3639859> : TinyML-Driven On-Device Personalized Human Activity Recognition and Auto-Deployment to Smart Bands

Towards Generalization

- <https://arxiv.org/html/2310.10060v5> : Data Augmentation for Time-Series Classification: An Extensive Empirical Study and Comprehensive Survey

Towards Optimization

- <https://www.sciencedirect.com/science/article/pii/S2773186324000665> : Optimization of machine learning models through quantization and data bit reduction in healthcare datasets

Towards Feature-Selection

- <https://www.sciencedirect.com/science/article/pii/S0957417422008144> : Support Vector Machine with feature selection: A multi-objective approach
- <https://www.sciencedirect.com/science/article/pii/S0031320309003409> : Optimal feature selection for support vector machines
- <https://journalofbigdata.springeropen.com/articles/10.1186/s40537-020-00327-4> : Selecting critical features for data classification based on machine learning methods
- <https://www.frontiersin.org/journals/bioinformatics/articles/10.3389/fbinf.2022.927312/full> : A Review of Feature Selection Methods for Machine Learning-Based Disease Risk Prediction

more to be added..