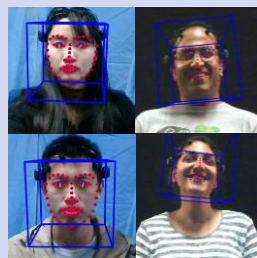


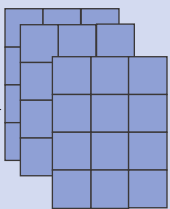
Multi-modal Data Preparation Module



Serialization

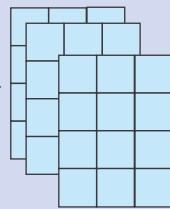


3D Landmarks



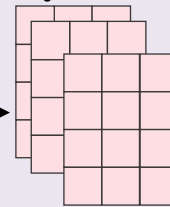
points \times dimensions

Action Units



Units \times dimensions

Physio Data



Frequency \times Channels

Signal Filter

CL-Based Feature Extraction Module

CL
Extraction

3D Feature

AU Feature

Physio Feature

Multi-modal Fusion Module

Fusion

Prediction

Classification (4 and 9 class)

