

AI-Enhanced Smart Physical Rehabilitation

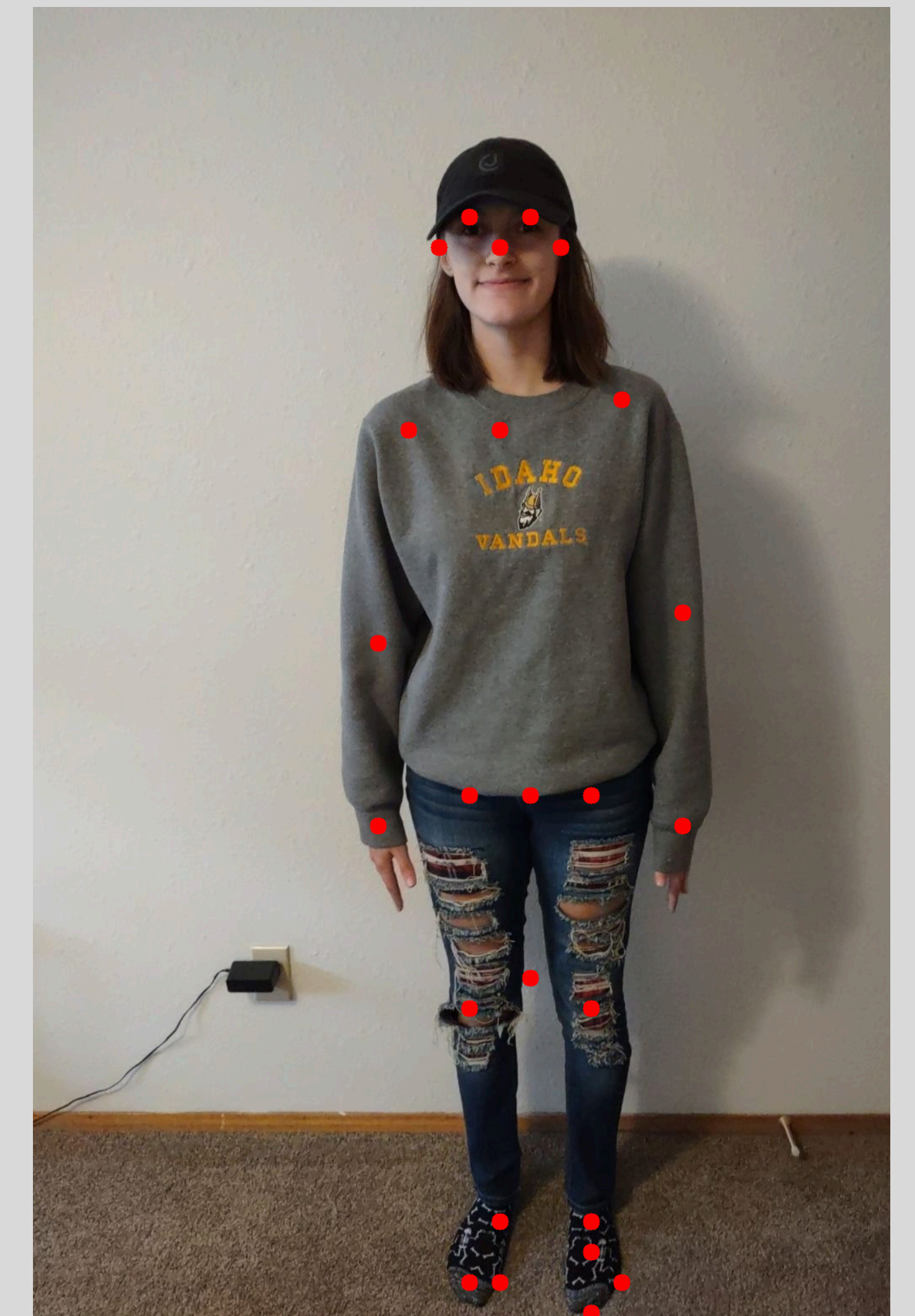
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Value Proposition

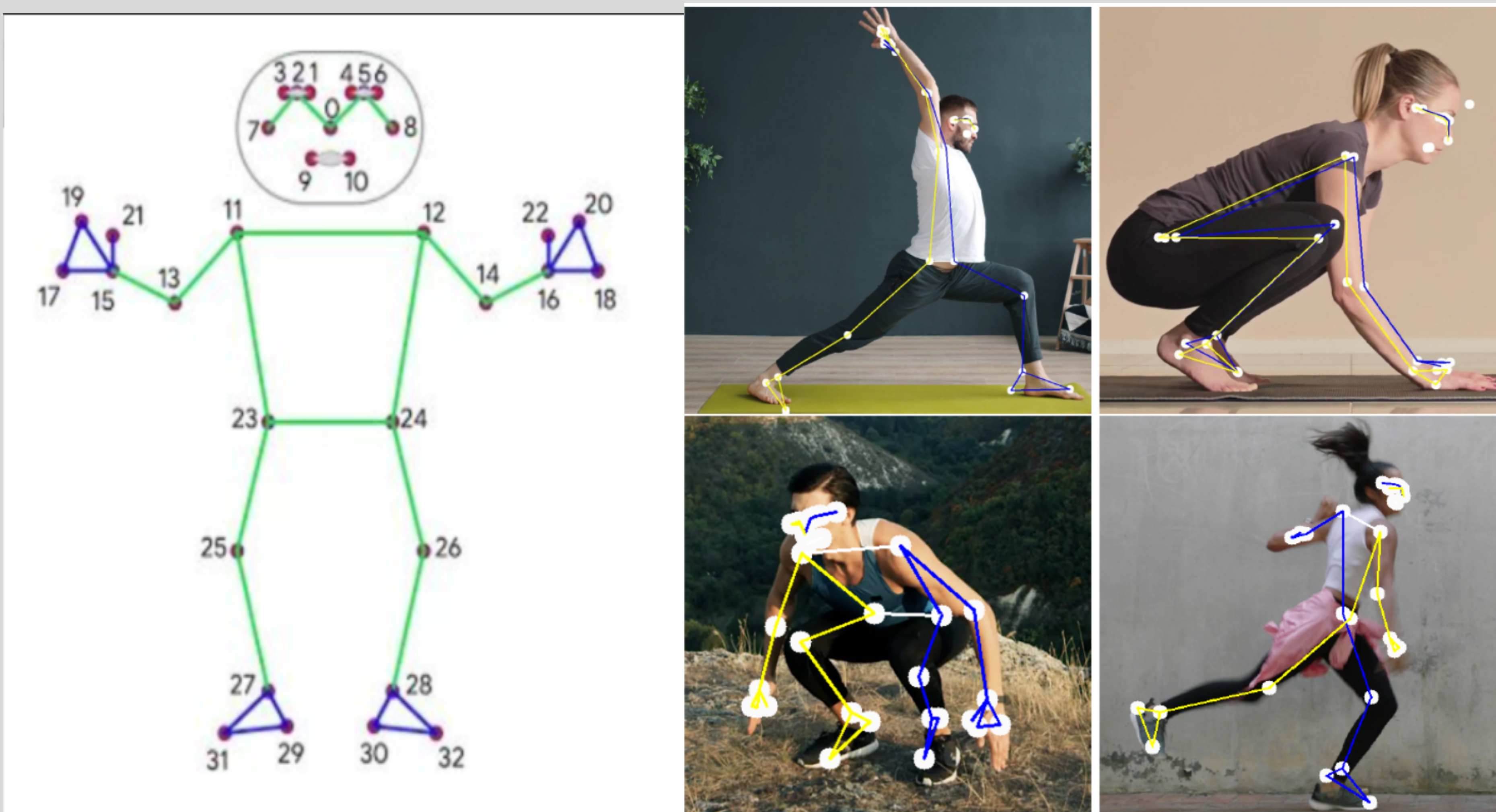
- Injury is prolonged due to improper completion of physical therapy exercises
- Instead of paying extra money to see a physical therapist weekly:
 - The patient will use a model that gives immediate tailored feedback
 - Accuracy of exercise
 - How to improve the exercise

Current Objectives

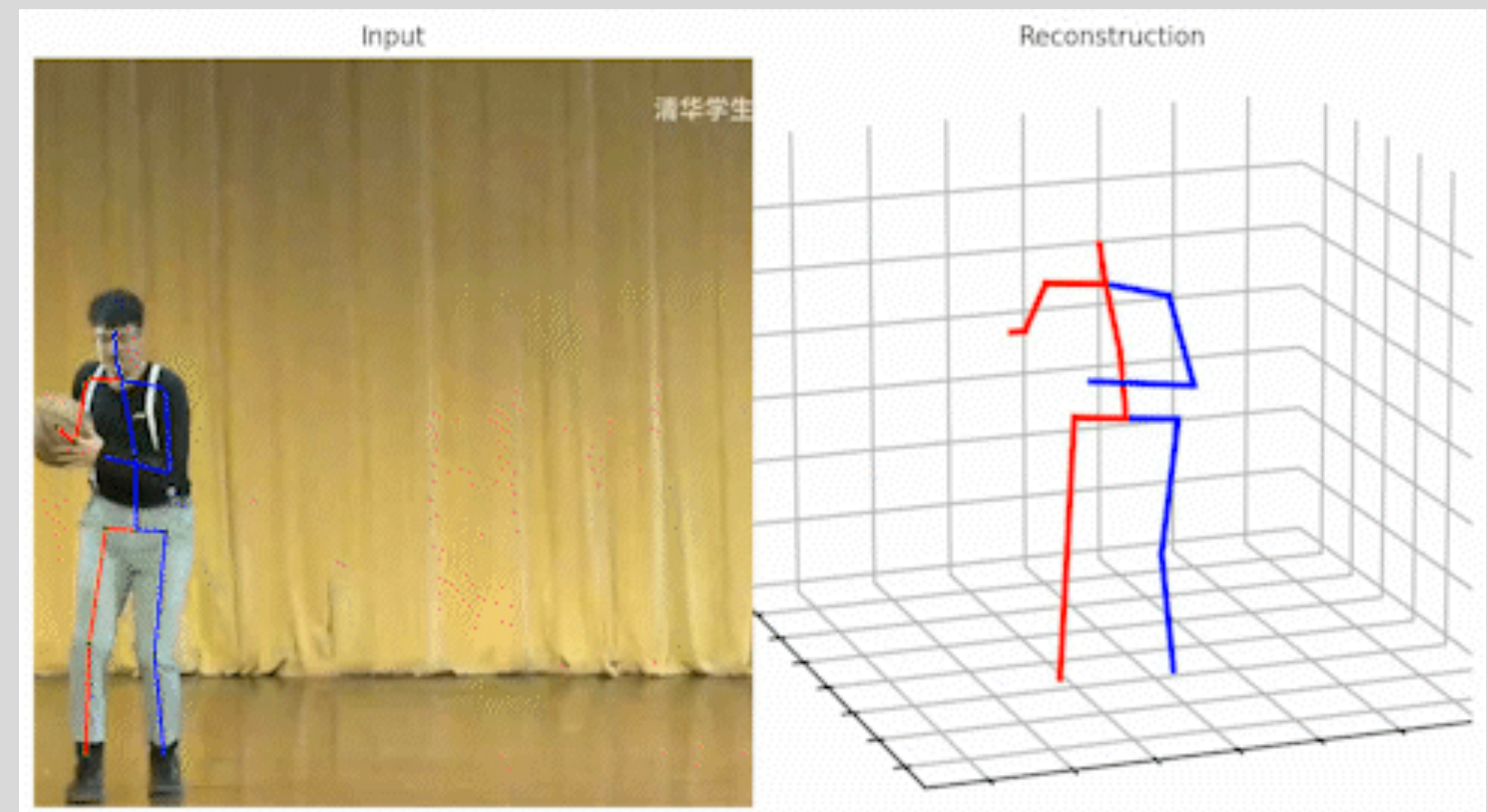
- Extract skeletal data from videos using existing models
- Preprocess the data



OpenPose photo of Molly



BlazePose



PoseFormerV2