Our system aims to improve clinician decision-making and outcomes for individuals with PD undergoing augmented reality (AR)-based neurorehabilitation. Currently, our focus is on collecting, constructing, and presenting a given patient's ADL data to clinicians and care partners via a head-mounted display (HMD). This system’s pipeline encompasses 4 main steps: collecting data, using said data for patient reconstruction in a virtual environment, recognizing patient's ADLs, and presenting interactive visualizations of said ADLs to clinicians and care partners. Future iterations of our system will address additional neurorehabilitation goals (i.e. enhancing clinical visits and at-home patient exercises).