

Longitudinal Analysis of Markerless Motion Capture in Men's Basketball

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Aim

The aim of this project was to design a dashboard to enable longitudinal analysis of UVA Men's Basketball data collected by the DARI Motion system.

- Accessible
 - Docker
- Useful
 - Trainers' Workflow and Beyond
- Presentable
 - SDV, [pythonanywhere](#)

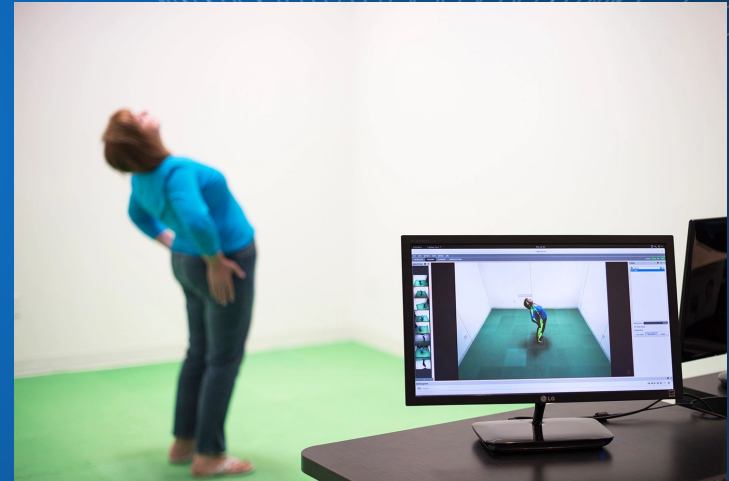
Data

Data was collected using DARI Motion

- Markerless motion capture system used to acquire the most precise, accurate and comprehensive biomechanics data

UVA Men's Basketball Team

- Collected approximately once a month
- Clinician Report and Athleticism
 - 154 files of each report
 - Clinician Report - 154 rows \times 834 columns
 - Athleticism - 154 rows \times 175 columns



Live Demo