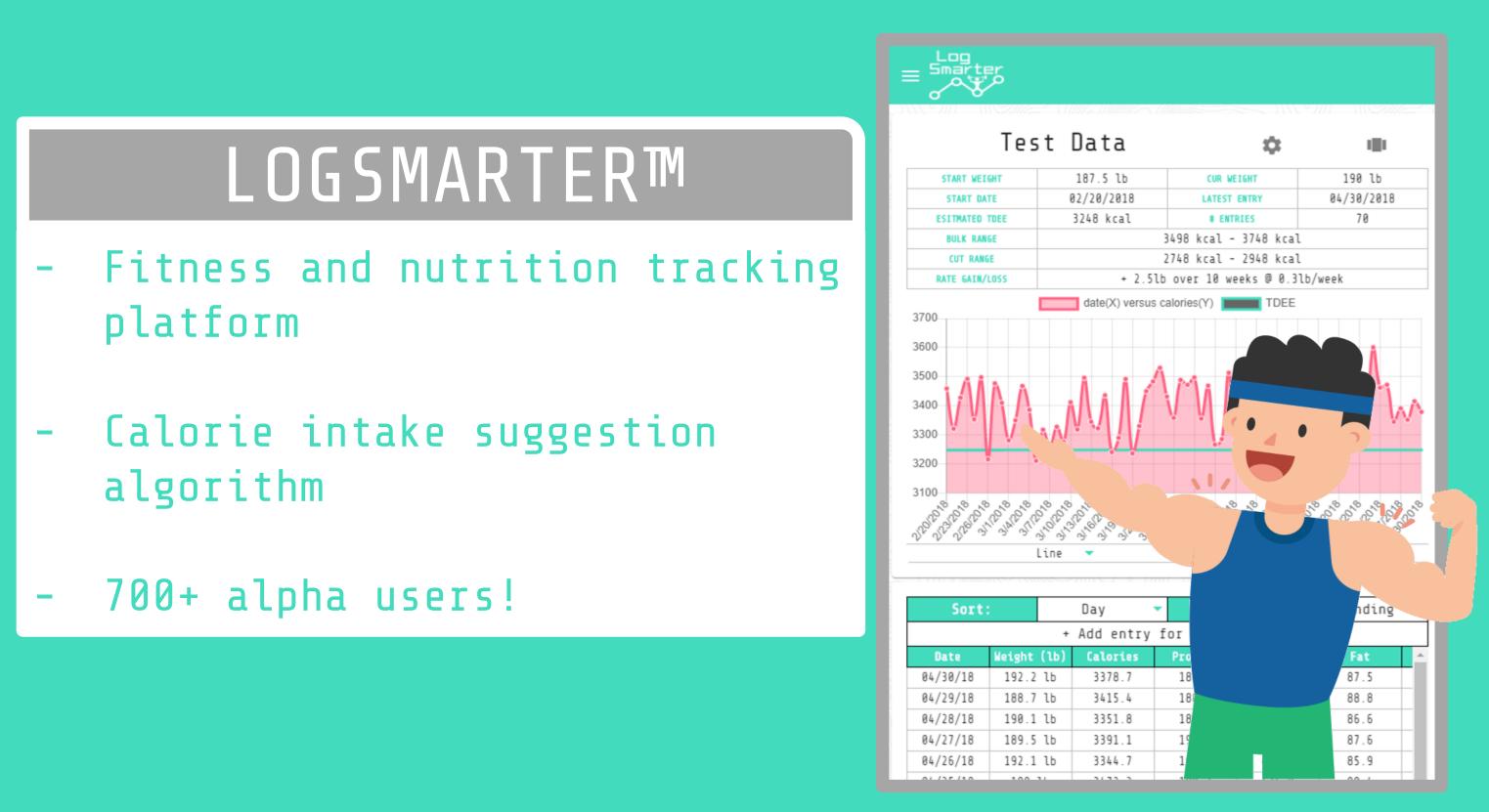


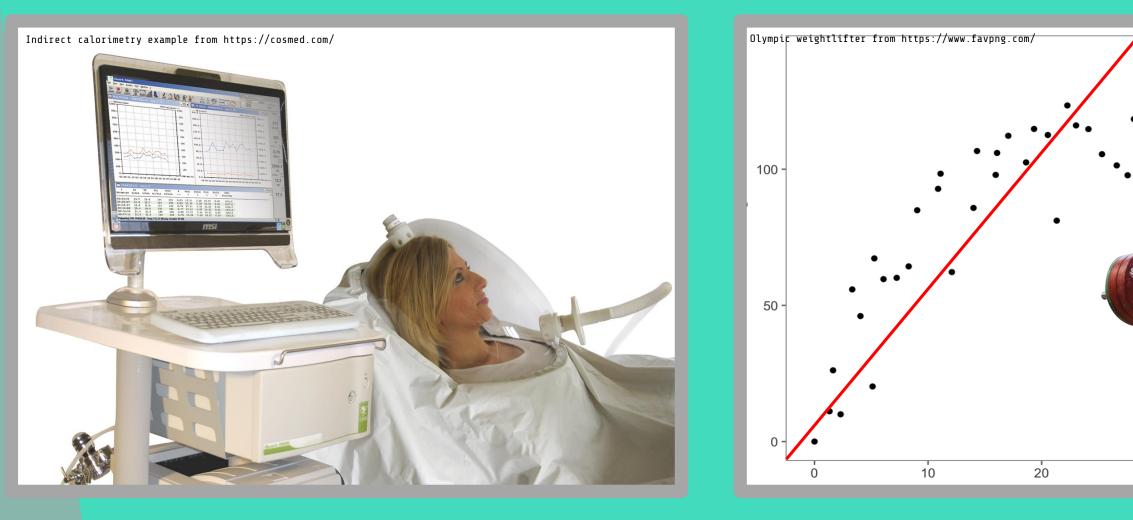
WHAT IS TOTAL DAILY ENERGY EXPENDITURE (TDEE)?

TDEE is the Number of calories an individual burns per day to maintain their weight



PROBLEM

Current methods of estimating TDEE are not accurate and not accessible



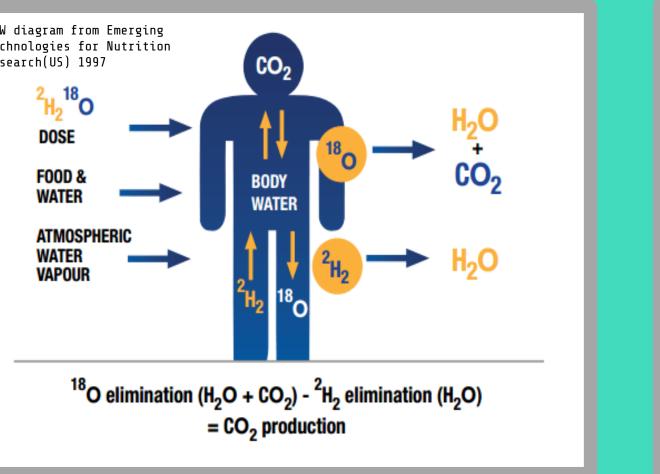
Indirect calorimetry is not a direct measure of TDEE

Linear models have large measuremnt errors for some individuals

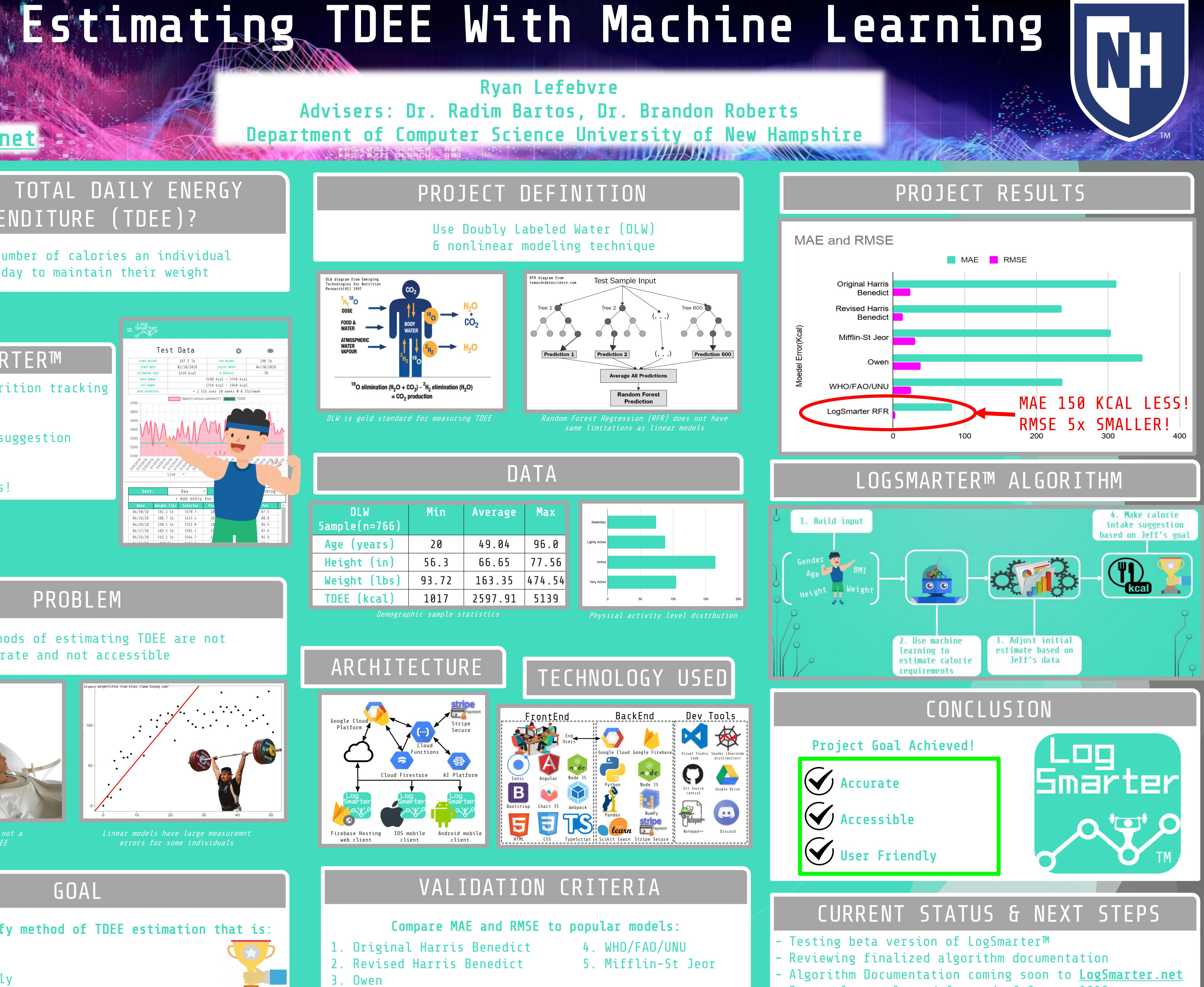
GOAL

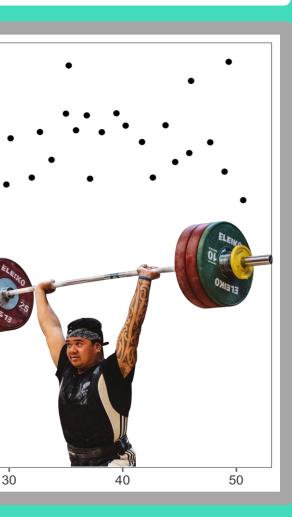
Develop and quantify method of TDEE estimation that is:

- 1. Accurate
- 2. Accessible
- 3. User Friendly



| DLW Sample(n=766) | Min | Average | Max |
|----------------------|-------|---------|-------|
| Age (years) | 20 | 49.04 | 96.0 |
| Height (in) | 56.3 | 66.65 | 77.56 |
| Weight (lbs) | 93.72 | 163.35 | 474.5 |
| TDEE (kcal) | 1017 | 2597.91 | 5139 |







- Beta release planned for end of Summer 2020