Goals

1. Apply Data Science and Engineering to HFE predictions
   1. Time
   2. Error
   3. Severity of Output

Anthropometric data to develop Python Model

Data

<https://www.kaggle.com/code/seshadrikolluri/anthropometric-data-analysis-and-visualization>

<https://www.academia.edu/10476739/Anthropometric_Database_for_the_Learning_Environment_of_High_School_and_University_Students?email_work_card=view-paper>

<https://scienceweb.uz/publication/11161>

<https://github.com/DavidBoja/SMPL-Anthropometry/blob/master/README.md>

<http://doc.piper-project.org/framework/1.0.1/html/group__piper__hbm.html>

<https://www.reddit.com/r/Biomechanics/comments/15na8yl/opensim_anthropometrics_via_python/>

Task recognition

<https://medium.com/@sdhglobal/5-python-libraries-for-3d-human-poses-visualization-27fb2647a5b5>

<https://zenodo.org/records/7982267>

<https://www.sciencedirect.com/science/article/pii/S2666827022000068>

Tools

1. Entropy
2. Linear regression
3. Logistic regression
4. ANN

Languages?

Python

Rust

R