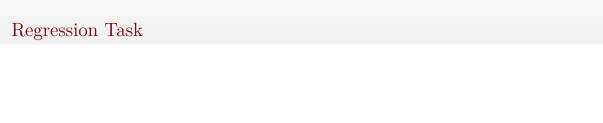
# Build Night #3

#### Logan Jackson

Machine Learning and Parametric Design for Sustainable Living



Why are we doing the regression task when it's probably not a very good approach?

#### Regression Task

Why are we doing the regression task when it's probably not a very good approach?

 $\bullet$  Niave model  $\rightarrow$  more advanced model

Let's First Start with the "Machine Learning" Part

So I realized I was supposed to probably teach more.

## Process for Data Science / Machine Learning

I sort of covered this already, get data  $\rightarrow$  eda  $\rightarrow$  feature engineering  $\rightarrow$  model training / testing  $\rightarrow$  model optimization and evaluation  $\rightarrow$  repeat.

When doing the regression task we want to do this approach with very little overhead a sort of niave approach where we can go back and tune more advanced models later but what we want right now is simly a minimum viable product which we can begin to build on.

### For Me

What do they need help with?

#### The Dataset

I want you guys to start looking at the dataset perhaps depending on how we did with regression I think it's important to sort of understand this process before we get started.