

## Build Night #3

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Machine Learning and Parametric Design for Sustainable Living

# Regression Task

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

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- Naive 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 → eda → feature engineering → model training / testing → model optimization and evaluation → repeat.

When doing the regression task we want to do this approach with very little overhead a sort of naive approach where we can go back and tune more advanced models later but what we want right now is simply 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.