Method/product proposal

- **Definition:**
  - An explanation of the end "product", the methods to be used, and the reason that the product is a good fit/solution for the problem

<u>End Product</u>

- A published, public-facing dashboard that allows users to view the amount of carbon sequestered (in Megagrams), the number of trees, and the carbon payments on each farm and in total.
- The dashboard will also contain a tab for regression analysis, which allows our client to compare variation in tree growth by species between 2019 and 2021, and also functions as a tool to visualize data discrepancies and outliers.
- Lastly, our dashboard will allow the user to compare the results (amount of carbon sequestered) when using different allometric equations.

<u>Methods to Achieve End Product</u>

- Our method has consisted of building a model dashboard, and then realigning our work with our client's priorities.
- 2019 and 2021 Data
  - We read in the 2019 data in order to build the model with a complete dataset, and added tools such as select inputs and value boxes to allow for clear visualization and comprehension of the data