

## Project 1 Project Draft Milestone 3 10 Questions

1. Why did you choose this subject for your project?
  - a. Heart Disease runs within my family and I wanted to create a project that I feel connected too.
2. Are there any other visualizations that you could have used to improve your project?
  - a. Possibly a Pie Chart, to see the different races affected within the world today.
3. Why do you think certain variables affected your model to produce a better accuracy?
  - a. I think that measurements such as Ejection Fraction, were better increase accuracy because it was more patient inclusive.
4. What packages were used when coding your model?
  - a. sklearn.metrics, xgboost, and catboost. More can be found within my Notebook for this project.
5. Are there any other methods you would consider using when running this project again?
  - a. Classification Tree
6. Where did you acquire your dataset?
  - a. Kaggle.com
7. What improvements will you be adding to your model going forward?
  - a. I will be including Gender and Race within the model.
8. How come the model accuracy was so high?
  - a. I think there was not enough data records of patients within the dataset.
9. Is there any way to try predict heart failure risk in just males or females?
  - a. I am working on that within my next improvement of the model.
10. What visualization do you believe is your best from your project?
  - a. I really love the crosstab bar charts. They helped me decided my variables for my model.