# DASHBOARD CONCEPT

Thus far, we have obtained the information we need to present in a dashboard. We built a successful machine learning model that is able to predict the type of CryptoPunks, as well as predict whether it has glasses or not. Now we need to visualize the prediction data for each CryptoPunk. Specifically, the user should be able to select a CryptoPunk and identify what type it is and whether has glasses or not. This way, the user will be able to interact with the data and have a better understanding of it.

## What we need to create

This dashboard consists of the following materials:

### Design

* Create a table to hold all the HTML elements of the page.

Website Title



Drop down menu with 10,000 CryptoPunks

CryptoPunk

Table Info

CryptoPunk

Image

Predict Type Button

Predict Glasses Button



Random Option Button

PREDICTION

A picture containing diagram

Description automatically generated

### Drop Down Menu

* Create a drop down menu so that the user can select a CryptoPunk.
* Bonus, create a “Random” button option. The computers chooses a CryptoPunk for the user.

### Crypto Punk Image

* Display the image of the selected cryptopunk
  + Visual

Chart, scatter chart, box and whisker chart

Description automatically generated

### Crypto Punk Table Information

* Create a table containing basic information about the selected cryptopunk

### Glasses Prediction

* Option A: Create a Red and Green button group that changes the intensity of the color depending whether the CryptoPunk has glasses or not. Using the opacity property, reduce the opacity of red when the option is YES or reduce the opacity of green when the option is NO.   
  Resource: https://www.w3schools.com/css/css3\_buttons.asp
  + Visual

### Type Prediction

* Option A: Create an image box that changes the icon depending on the prediction. Display de Female Icon if its female, Male Icon if its Male or Other Icon if its other.
  + Recources:
  + Female Icon <https://www.toptal.com/designers/htmlarrows/symbols/female-sign/>
  + Male Icon <https://www.toptal.com/designers/htmlarrows/symbols/male-sign/>
  + None Icon <https://www.toptal.com/designers/htmlarrows/punctuation/non-breaking-hyphen/>
  + Visual Graphical user interface

    Description automatically generated with medium confidence
* Option B: Create a Gauge chart that places the needle according to the type
  + Visual

