

# PROJECT 3 REQUIREMENTS:

Find a problem worth solving, analyzing, or visualizing

## What is the main objective:

To encompass all that has been taught and learned during your experience within the bootcamp. Such as Plotly, SQL Database and Machine Learning. This project will require each group to use ONE ML library. (i.e Scikit-Learn, XGBoost)

## Examples of problems solved by Machine Learning:

- Manual data entry.
- Detecting Spam.
- Product recommendation.
- Medical Diagnosis.
- Customer segmentation and Lifetime value prediction.
- Financial analysis.

For more topic examples follow the link below:

<https://marutitech.com/problems-solved-machine-learning/>

## PICK AT LEAST 2 OF THE FOLLOWING:

Python Pandas  
Python Matplotlib

HTML/CSS/Bootstrap  
JavaScript Plotly  
JavaScript D3.js

JavaScript Leaflet  
SQL Database  
MongoDB Database

Google Cloud SQL  
Amazon AWS  
Tableau

\*\*\* If you use Scikit-Learn this link might be of use:

<https://blog.exactcorp.com/scikit-learn-and-more-synthetic-dataset-generation-for-ml/>

## Your presentation requirements:

15 mins (per group)

A deep dive visualization (tableau) or infrastructure (HTML, CSS, etc.)