**Challenge Details:**

* Using the data provided, design and develop a tool that forecasts how popular a YouTube video will be so a YouTuber can plan their next video
* Data Set: <https://www.kaggle.com/datasnaek/youtube-new>
* You will work as a team to identify what the new feature should be and what it will do/look like. At the end of the day you will individually present via a 3-minute presentation the group’s idea and your specific contribution.
  + For designers: you will define the persona of the YouTuber and create a mockup of the tool (it can be a full prototype, sketch of design, or PowerPoint; but you should not wait on the developer to code to create your design)
  + For developers: outline the full architecture and code one component which best shows your coding abilities.   
    You can choose the same component, but you must code it yourself and separately as each code will be individually assessed. This challenge is language agnostic
  + For data scientists: write the algorithm or model and have it run on a Jupyter Notebook
* Your contribution should be tied to the overall idea and feasible across all disciplines. The quality will be checked via GitHub during lunch.

**Submission details:**

* You will submit two items:
  1. **Individual contribution submitted to Github due at 12:30**
     + For designers: you will define the persona of the YouTuber and create a mockup of the tool (it can be a full prototype, sketch of design, or PowerPoint; but you should not wait on the developer to code to create your design)
     + For developers: outline the full architecture and code one component which best shows your coding abilities.   
       You can choose the same component, but you must code it yourself and separately as each code will be individually assessed. This challenge is language agnostic
     + For data scientists: write the algorithm or model and have it run on a Jupyter Notebook
     + Minor adjustments are allowed between 1:30-2:30, but original submission is what is being checked. Vast deviations between original submission and presenting solution will result in a deduction.
  2. **Final presentation uploaded to GitHub due at 2:30 pm**
  + Presentation: 3- 4 slides
    1. Overview of Team idea (set the scene)
    2. Story/Architecture of contribution (tell the story)
    3. Demo of contribution (showcase your skills)
    4. What you would do next (optional if there is time,
  + Designer: Web UI directly upload to GitHub as images
  + Dev: push their code to github
  + DS: push code to Github
* Instruction set to upload/push to Github [link] (<https://github.com/users/sully117/projects/1>)
* Instructions to download Jupyter Notebook 
* Scam Housing posts across social media?

**Judging criteria:**

Your presentation and individual contribution submission will be assessed on:

* Creativity of idea
* Technical expertise
* Foresight/prioritization
* Presentation skills
* Quality of code
* Optimization and prioritization of code
* Originality