Welcome to SVNT TAP!

As you just heard, you will be working in your group to design the next feature for YouTube. Details on the challenge, submission, timeline, judging criteria and next steps can be found in this packet. Your room facilitators are there to answer any logistical questions, keep you on time and help you for any bio breaks (bathroom, food, water). They will not be able to provide guidance on the challenge or contributions.

Team Challenge: As a team, use the data provided to design & develop a tool that forecasts how popular a YouTube video will be (what it will be and what will it look like/do). This feature will help a YouTuber plan the topic of their next or first video.

- User: Each team can determine their own user profile (i.e. a teenager in Wisconsin wanting to become a YouTuber or a famous Youtuber with 200 videos and 100 million followers.
- Data Set: https://bit.ly/2IJswks
- Please note, you do not need to wait for the data science model/algorithm to be created to start the mockup/coding of your contribution.

Individual Deliverables: Based on your discipline (Developer, Data Science, Designer), each team member will be responsible for delivering a discipline-specific contribution that is tied to the overall team's feature. Please refer to the grid below for each discipline's deliverable which must submitted to Github by 12:30pm under the naming convention:

LastName_FirstName_*Discipline* Submission
EX: Sullivan_Caitie_Dev Submission

DISCIPLINE	INDIVIDUAL DELIVERABLES
Designers: (DES)	Define the persona of the YouTuber and create a low fidelity mockup of the feature (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). You can do secondary research to better define your persona. Upload your mockup to Github
Developers: (DEV)	Outline the full architecture and code one component which best shows your coding abilities. You can choose the same component as others on your team, but you must code it yourself and separately - as each code will be individually assessed. This challenge is language agnostic. Push your architecture and code to GitHub.
Data Scientists: (DS)	Write the algorithm or model and have it run on a Jupyter Notebook and provide documentation on how to run your code end-to-end, including any external libraries/packages that would need to be installed. You should include the documentation in the

	Jupyter Notebook but can also upload a word doc or READ.ME to GitHub. Push the Jupyter Notebook to GitHub.

Individual Presentations: At the end of the day, each team member will individually give a 3-minute presentation on the group's idea and their discipline specific contribution followed by a 2-minute Q&A. Presentation uploads must submitted to Github by 2:30pm under the naming convention:

LastName_FirstName_*Discipline* Presentation
EX: Sullivan_Caitie_Dev Submission

- Logistics: 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),
- 2 min Q&A from the judges

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Judging Criteria: Presentations and individual contributions submission will be assessed on:

- Creativity of idea
- Technical expertise
- Foresight/prioritization
- Originality
- Presentation skills
- Quality of code
- Optimization & prioritization of code

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Timeline:

- 9:30am – 12:30pm – Work on challenge
- 12:30pm – Candidates submit individual contributions to GitHub by 12:30pm
- 12:30pm – 1:30pm – Break for lunch
- 1:30pm – 2:30pm – Work on presentation
- 2:30pm – Candidate submit presentation to GitHub by 2:30pm
- 2:30pm – 4:00pm – Present 3 min presentation, 2 min Q&A
- 4:00pm – Happy Hour/ Wrap Up!!

FAQs:

1) You do not have to wait for the data science algorithm code to be developed to start your individual contribution. You must agree on the overall idea but can independently and simultaneously work on your contributions.
2) You can code, design, create in your favorite IDE or environment. Feel free to use the SVNT-TAP git repository for version control for your project. Final submission will only be accepted when uploaded to your team's SVNT-TAP folder.
3) There are no language or specific requirements for the submission; except data scientists must submit Jupyter Notebooks.
4) There are adapters in each room but no audio.
5) After the presentation you will be brought to a happy hour/wrap up session where Danielle DeZorzi, the recruiter, will let you know next steps.