

1. Do you have data fully in hand and if not, what blockers are you facing?
  - Yes, I was lucky that a comprehensive data set of classified pictures of cars was available. [https://ai.stanford.edu/~jkrause/cars/car\\_dataset.html](https://ai.stanford.edu/~jkrause/cars/car_dataset.html)
  - BUT... I would like to bring in data from outside sources by scraping one or more of the following websites.
    - <https://www.autoevolution.com/cars/>
    - <https://www.imcdb.org/>
2. Have you done a full EDA on all of your data?
  - Yes, to the extent that I have verified that I have confirmed the accuracy of the images in the Stanford set.
3. Have you begun the modeling process? How accurate are your predictions so far?
  - Yes, I have a working CNN model built with Keras.
  - Getting ~70% accuracy so far using the Stanford dataset.
4. What blockers are you facing, including processing power, data acquisition, modeling difficulties, data cleaning, etc.? How can we help you overcome those challenges?
  - Computational efficiency. It takes a long time to train the model with the existing data. I'm sure it will take even longer with new data.
  - Also, I'm not sure what hurdles I will face when getting data from outside sources.
  - I would like to set this up on AWS so it doesn't bog down my computer, but I have no idea how difficult that will be.
5. Have you changed topics since your lightning talk? Since you submitted your Problem Statement and EDA? If so, do you have the necessary data in hand (and the requisite EDA completed) to continue moving forward?
  - No. Sticking to the original topic (automotive image recognition/classification)
6. What is your timeline for the next week and a half? What do you *have* to get done versus what would you *like* to get done?
  - I have to bring in some outside data and expand beyond Stanford's data set.
  - I would also like to find/design practical applications for this model.
  - Getting AWS working would be nice.
7. What topics do you want to discuss during your 1:1?
  - How do I use AWS?
  - What might some feasible, practical, and interesting applications be?