**Action Plan**

Last update: 3/26/17

1. Summarize Sessions Data (**GILES**)
   1. Total time per user
   2. Number actions per user
   3. Last action (or actions?) per user
   4. Number of devises used
2. Combine Sessions Data with Training Data (**CENDY**)
   1. One-hot encode actions to determine if any predict label
3. Process training data
   1. Split dates into month/year
      1. date\_first\_booking (**MELANIE**)
   2. Time delta between Account Created and First Booking (days) (**CENDY**)
   3. Bin ages – 10 years? May require some testing(**MELANIE**)
   4. Bin languages (**MELANIE**) - fewer than 100 occurrences = ‘other’
   5. Sign up flow?? Not sure what this is (**DIVYA**)
   6. Affiliate channel? Not sure what this is (**DIVYA**)
   7. First device type joined with sessions data
      1. E.g. browser first to mobile later might be predictive
   8. Bin browser based on region (would require additional research) (**DIVYA**)
4. Start with most predictive features and gradually add features to feature set
   1. Age bin
   2. Language
   3. Gender
   4. Sessions Data
   5. Other?

To Do:

* Figure out correlation with feature and label as you go through processing
* Figure out what Kaggle login is?