

Before starting:

- Confirm that we have the user's signed consent form
- Confirm that they can see both notebooks

*** Interview Starts ***

R: Hi, thank you for participating in this user study. Let's start with some basic information. Can you please tell me:

- * Your first name: _____
- * Your age: _____
- * Your gender: _____
- * Your occupation: _____
- * How many years of experience do you have working in data science/machine learning:

R: Now, I'm going to ask you a few questions to set a baseline for your familiarity with some concepts we'll be exploring in this study. I'm going to list a few concepts of statistics and machine learning. For each of them please tell on a scale of 1 to 5, where 1 is not familiar at all and 5 is very familiar, how familiar you are with each of the following:

- * Posterior probability
- * Log Likelihood
- * Log Odds
- * Weight of Evidence Score
- * Local interpretability methods like LIME or SHAP

*** Part 1 ***

- * Q1: What aspect of the news article is the model relying on the most to make its prediction here?
- * Q2: The model is not too confident ($p=0.68$) that this news article belongs to the 'entertainment' class. Why do you think that is? How would you change the article to cause the model to be more confident?

*** Part 2 ***

- * Q3: Why do you think the model didn't predict 'business' instead?
- * Q4: Why do you think the model didn't predict 'social media' instead?
- * Q5: For other news articles that have similar keywords to this one, how much more likely do you think it is that the model will predict 'world' instead of other classes?

*** Follow-Up Questions ***

- * Could you rate your experience using the interpretability tool (1–5)
- * Did you find the option to aggregate features into groups useful? Yes/No, Why?
- * Did you find the option to produce multi-step explanations useful? Yes/No, Why?