

Introduction

This study, conducted by researchers aims to investigate the information AI experts require from clients to design AI models for applications. Participants will complete a pre-survey to match them with appropriate tasks. During the study, they will receive an AI application idea and create a model card outlining the AI model and client inquiries. Afterward, participants will answer a few questions about their experience. The study takes approximately 60-75 minutes, with participants receiving a monetary reward. To participate, individuals must complete the pre-survey and opt-in for payment.

Pre-Study Survey

Before beginning the study, participants will be asked a series of background questions:

Q1. Duration of experience in AI research or work.

Q2. Domains where participants have mainly built AI applications, with brief descriptions of up to three significant projects.

Q3. Familiarity ratings for various AI application ideas on a scale from 1 to 5, indicating domain familiarity and problem space understanding. (List of Projects was provided)

The Main Study: Client - AI Expert

We prompt an AI Expert with a situation where a client who is a domain expert in their field asks you (or your AI-focused company) to build an AI application that can do the following: [One AI Application Ideas Pool]

Based on this idea an AI expert is prompted to plan out the AI model to power the application. A participant is guided to keep in mind that they need to request information from the client, who knows and understands well about the domain and the related workflow. A participant then is asked to list out the information that they need to obtain from the client and which field of the model card would be relevant.