# *Formulation of Research Problem (Qualitative studies)*

## Step 1:

As part of doing a qualitative study, the question I wanted to find answer is given below.

**What are the challenges while using NLP applications?**

## Step 2:

Based on the research question, the questions and issues that need to be addressed have been given below.

Research Questions

* How reliable do the users find NLP applications?
* What are the inaccuracies the users found while using NLP applications in general?
* What are the usability challenges while interacting with NLP applications?
* How often the users use the NLP applications in their daily lives?
* What are the adaptability issues addressed by the users while operating with the current system after upgradation with NLP?
* What are the limitations of NLP model in terms of gender, especially abled, and others?

Issues to be discussed with the respondents.

* How often do you use NLP applications in your daily life?
* Do you think that NLP applications are secure?
* Do you think that NLP applications are not biased?
* How do you deal with errors when interacting with NLP applications?
* How often do you encounter errors while using NLP applications in your daily life?
* Do you think that these NLP applications can be a challenge to disabled fellow beings?
* Have you ever thought that there is one functionality which is missing right now which could be done using NLP technologies?
* In your perspective, how personalize these NLP applications are?
* Do you think that you have the whole control of your NLP applications?
* Have you ever thought that the NLP application is controlling and managing your life?
* Did you find any major impact or improvement in your day to day social interaction after NLP applications came into your life?
* Did you find it difficult after NLP applications got introduced by upgrading existing systems in transport infrastructure?
* Out of 10, how do you rate the progress of NLP applications in the past one decade?