# REAL TIME APPLICATIONS OF NLP FOR REGIONAL LANGUAGES

1. **Real Time Translation of Malayalam Notice Boards to English Directions**

   Malayalam is extensively used in Road Signs and Notice Boards in Kerala as it increasingly becomes India's tourism hub. The barrier faced by the tourists is resolved by providing real-time translation to English. The aim is to envision to not only convert notice boards but also translate Malayalam that is written and printed on all mediums.

2. **NLP used for chatbots**

   Malayalam is a Dravidian language talked over the Indian state of Kerala. Machine learning as well as NLP (Natural Language Processing) approaches are used to analyze user queries and generate responses. This is a commercial product, so can be applied this to any domain.Many chatbots are been developed so that it can address all the people of the state.

3. **NLP is used for text completion**

   NLP is used to make API that can be used for auto-completion of text being written in Malayalam which can help scholars and writers to write better articles.