

AI Engineer Assignment: Hindi Conversation Analysis

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I was looking for a Hindi language model for an assignment featuring a conversation between a Recovery Agent and a Borrower. Initially, I tried the Indic Natural Language Toolkit but had issues with Python versions. Then, I explored options from ai4bharat, a research lab at IIT Madras, but the results weren't what I needed.

Finally, I found the Navrasa LLM model from Telugu-LLM-Labs, which supports over 15 Indian languages and has clear documentation on Hugging Face. It worked well for my project, and I used their syntax and resources in my Collab notebook. [<Here>](#)

Summary:

The conversation is about a loan that the borrower is having trouble paying back. The recovery agent suggests that the borrower make partial payments for the next week and then pay the remaining balance by the 15th of the following month.

Key Actions:

1. RA ने B को अगले हफ्ते तक आधा EMI जमा करने का प्रस्ताव दिया।
2. B ने RA को बताया कि वह अगले महीने तक नया काम ढूंढ रहा है और इसलिए वह बाकी बकाया भुगतान करने के लिए कोशिश कर रहा है।
3. RA ने B को बताया कि वह अगले हफ्ते तक आधा EMI जमा कर सकता है और अगले महीने के 15 तारीख तक बाकी का भुगतान कर सकता है।
4. B ने RA को धन्यवाद दिया और अगले हफ्ते तक भुगतान करने की कोशिश की।

Sentiment Analysis:

1. The tone of the conversation between the Recovery Agent (RA) and the Borrower (B) is empathetic and understanding.

Example:

- B: हां, थोड़ी दिक्कत है। मेरी नौकरी चली गई है और मैं नया काम ढूंढ रहा हूँ।
- RA: ओह, यह तो बुरा हुआ। लेकिन सर, आपको समझना होगा कि लोन का भुगतान समय पर करना बहुत जरूरी है।

2. The RA is trying to help the B by explaining the importance of timely EMI payments and the consequences of not doing so.
3. The B is also trying to be understanding and is willing to make the necessary payments to avoid further consequences.
4. The tone of the conversation is supportive and helpful.