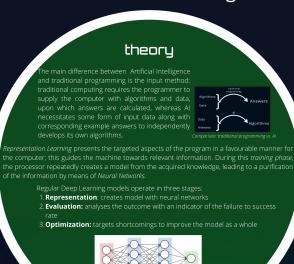
Talk to me, I won't byte

Programming a Conversational Chatbot

Natasha Savic

Coaches: Siri Kohl, Astrid Romer Bär

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project A readily available dataset of *Reddit* (interactive online platform) comments was used for the The comments were already structured into data parent-child comment-replies The dataset contained 1.7 billion comments Reddit comments provide casual everyday exchanges, suitable for a conversational chatbot Database Management System (here: PostgreSQL) as well as a Database Management Tool (here: DBeaver). These aid in software hardware In addition to a personal computer, a Google Cloud Virtual Machine with 8 CPUs was rented for the

analysis

pos<u>itives</u>

- Incoherent replies still occur far too frequently
 Despite large dataset available, only a fragment was successfully

negatives

- Hardware used wasn't optimal; neural network training would benefit from GPU over CPU use

future possibilities

results

0110010 1900 10100

A chatbot was successfully created. Even though every input evokes multiple replies, only the answer with the highest score is displayed.

are you real?

so it's a bad joke?

1881 11888 1818

- Case-setistivity as well as diliterative exponses to varying punctuation
 Replies to same statements remain consistent within the same session; replies in new sessions (when program is restarted) may differ across sessions
 No access to computational capabilities,

- weakness
 Extensive knowledge on Reddit's running jokes and trending witticisms