Exploring Google Translate

- https://translate.google.com/

- At a superficial level of testing the Google Translate application, I concluded its functionality to be good. Extensive testing using the application of knowledge relating to advanced language translation would be required to sufficiently evaluate the service. I tested the translation of some basic English sentences into Afrikaans where word order would change and that occurred correctly.

- A simple dictionary/lexicon for direct translation of words can occur for single words, but where a sentence exists in a language with different syntax rules, the translation will need to make the required adjustments. This can be done through some language processing in the form of AI, where language rules could be applied for the specific languages translated from and to. Furthermore, different dialects of language and the various cultural ties to language complicate the process. Region indicators may need to be developed for specific geographical areas.

Exploring AI Tools Developed by Google

- https://ai.google/tools/

- Google has over 100000 employees, and is arguably one of the most influential companies on the face of the planet, especially in the area of AI. They currently provide a huge repository of AI tools and resources for:

- 1.) Students & Developers -> Tools, exercises, and open source projects

- 2.) Researchers & Developers -> Large-scale datasets to draw on

- 3.) Organisations -> Cloud-based ML services

- 4.) Start-ups -> ML training and information; Google support for AI-focussed start-up companies in various forms