Understanding and Establishing Natural Language Understanding & Natural Language Generation Technologies for reliable, ethical AI systems that don't impoverish the human languages

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Abstract Most of the carefree AI lovers believe that AI is Large Language Models (LLMs) and the applications around them (Generative AI systems). However, they don't know that before six decades there were scientists that invented Natural Language Understanding (NLU) and Natural Language Generation (NLG). Here we remind these technologies which are active and evolving. By making scientists to know the other solutions, we can be more careful and resilient. Generalizing, we remind that humans should be cautious about anything new that may be imposed on us by the masses of the easily persuaded. The adoption of solutions without strict control of their effectiveness because the masses can understand them is a problem not applying only to Natural Language Understanding. It is a problem appearing again and again in the humanity. But now the adoption of technologies applying to the way that humans communicate (especially language) can affect the way that humans thing, understand and socialize.

Under Review!