

Title: English poetry generation with pretrained language models

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Abstract: In this thesis we deal with possible ways of English poetry generation independent on a concrete form of poetic form. We briefly discuss selected known attempts to English poetry generation with respect to their adaptability. Based on the already existing limerick generator LimGen we created a new English poetry generator called PGen, flexible with respect to rhyme and metric schemes and allowing usage of finetuned language models. We present PGen together with subjective evaluation of poems it generated (in 4 different poetic forms) by several human raters.

Keywords: poetry generation, natural language generation, natural language processing, pretrained language models