



# AI Project

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## A French poetry generator

A French poem generator based on [Project Gutenberg](#) dataset.

# Subject

Generating lines of verse from a few strating words.

The goal is to generate a poem that rimes, while using vocabulary from well-known French poets.

# Datasets

## Senetence generator

Raw text from around 30 books of french poetry  
from *Project Gutenberg*.

## Phonetic writing generator

French dictionnary with phonetic writing.

# Models

We will use a transformer model for our sentence generator. Our model is decoder-only, and will be trained with a language generation objective.

# Language & tools

- Python
- Jupyter
- Tensorflow