**OpenAIKnowledge**

pr2 - FirstWords

**29/05/2021**

# 

# OVERVIEW

Develop TF code and use AI Models and Datasets necessary to generate text:

* learning from texts of Shakespeare ¿and Miguel de Cervantes?
* texto inicial “Somewhere in La Mancha, in a place whose name I do not care to remember” (Don Quixote)

# GOALS

* Generate first words by OAK to publish on OAK social

# SPECIFICATIONS

Description

* Repository: <https://github.com/openaiknowledge/PR2>

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# MILESTONES

## Look at the big picture

* Generating Shakespearean Text Using a Character RNN Géron, Aurélien. Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow (p. 526)
* <https://github.com/karpathy/char-rnn>
  + <https://cs.stanford.edu/people/karpathy/char-rnn/>
* Kaggle:
  + <https://www.kaggle.com/kingburrito666/shakespeare-plays>
  + <https://www.kaggle.com/kutaykutlu/text-generation-guide-tensorflow-nlp-lstm>

## 

## Get the data

Download data from <https://www.kaggle.com/kingburrito666/shakespeare-plays> and load in **pr2/data/1** repository

## Explore, prepare the data

<https://www.kaggle.com/kingburrito666/shakespeare-plays>

## Select a model and train it

<https://www.kaggle.com/kutaykutlu/text-generation-guide-tensorflow-nlp-lstm>

## Fine-tune your model and save it

saved in “**pr2/model/1**”

## Present your solution

Somewhere in La Mancha,

battles salisbury oercame my own lord in spent

you when i meet me and i were a hundred to them runs and leaving the booty behind them leaving the walls behind them they la joan la charles charles alencon and others after it by them and vernon after them exeter

## Launch, monitor, and maintain your system

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# NOTES