Teoria Informacji - sprawozdanie
Lab 3: Przybliżanie języka naturalnego

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1 Opis Zadania

Zadanie polegało na wygenerowaniu przybliżenia języka angielskiego na podstawie źródła Markova na słowach rzędu pierwszego, trzeciego i piątego. Do analizy występowania słów użyty został plik norm_wiki_sample.txt

2 Środowisko

Do wykonania zadania użyto języka Python3. Jedyną biblioteką spoza standardowych jest tqdm - zapewnia pasek postępu pomocny przy dłuższych obliczeniach.

3 Wyniki

3.1 Źródło pierwszego stopnia

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Źródło: łańcuch Markova 1. stopnia

television 6 families exercise a bare hands on august 1915 10 000 tons guemes island a novel has announced go into account for which is led to six year contract negotiations after e
xtra time alone in serbia and research the 1970s the second round seven major league east of regret for development of their families residing in colombo it looks into the most part
 of usisl and then returned to mean the same mass media clifton bristol city by the ancestral home planet the iranian classical vocalist chris carabott says there the salon concepts
 of her son of the african religious activities the pol pot and writing career his wife and brighton amp ndash alexander v willis marion county down into the most variants mb hpa 2
78mikm adj mid 1990s kda has a village was stephen brown the private elementary school to the vaudeville star a method of the copies of study of mercy hartigan made to break down to
 we overthrew ng xa inh hng a few kilometers away from the tall the next transfer flavoprotein oxidoreductase birthplace games present time she is rivers 2009 tribe goes bankrupt an
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3.2 Źródło drugiego stopnia

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Źródło: łańcuch Markova 2. stopnia

winners 2006 2012 2014 r amp b recording artists kelly rowland amine m pokora leslie and company something is broken up into many of his prediction about have proven entirely false
it is only 1 7 the family wept to see which version to date has not yet known governance the parish of cross rhythms stuart blackburn of cross cultural researcher with wide ranging
applications amygdalin and a war at dhaka the capital at troyes his birthplace after having flown for 2007 at the age of 39 425 in 2000 and the boat carrying several residents as a
research station named after the german army for spying for the losing triceratops is suddenly forced down a small part against his employer bouligny and collected all of feyenoord
s three congressional districts while barack obama designated an additional seven bonus tracks reception recording in both hands the toccata form which is providing the small cast f
ilm follows two years later the post office in 1991 due to a malaysia cup playoff spot against the philadelphia international airport the mansfield lahm municipal airport as of seas
on 201011 returning that change was publicly announced on twitter the show began previews at the teatro coln in
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3.3 Źródło drugiego stopnia, rozpoczęte słowem 'probability'

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Źródło: łańcuch Markova 2. stopnia

probability of 0 03 has been awarded a doctorate in peace and durable mechanical components 343 411 were sold to the 1998 stanley cup the players controls being reversed rats being
ejected out of a wall as usual the game 7 in the lead supervisor for the musical map save for the victims of pleasure when you called me and my demand my demand said one villager wh
ose brother was writer and journalist juhani aho who wrote most of the regular season team all pro 1999 2002 2006 5 second team all acc 2001 consensus first team 1994 95 wilfrid lau
rier golden hawks in the words of jacobs preston hollow public libraries dallas public library in the killings financial payments to gestores workers who commuted into the drunk tan
k in turn does not remember you sub pop handles licensing founded in 1996 the company had 35 000 years to hrcules florence inventor lus fabiano amp ndash 500 bc it is named for her
role as an exhilarating travelogue through the green jersey holder thor hushovd s wheel and the liberal party in the canton of thurgau 1905 he travelled by the shah to tehran in
january 2013 norwich city full dbut
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4 Wnioski

Po każdym zwiększeniu stopnia łańcuchów Markova widać wyraźną poprawę w jakości generowanego tekstu.