



What can machines learn from text?

Natural Language Processing

Fall 2023

The *pirax* game

- You will be shown three sentences on each slide
- Each sentence has one word that is blanked out (repeated blanks are the same word)
- You are training yourself to learn the meaning of a new word: *pirax*
- In each slide, choose one of the three sentences to fill in the blank with the word *pirax*
- The order of the sentences is randomized so *pirax* appears in 1st, 2nd or 3rd position.
- Once we have seen several examples, we will repeat it once
- There is no right or wrong answer! At first you will be guessing and that's ok.
- At the end of your "training" do your best to describe *pirax*.

They also instituted a ration system under which all employers in the Congo were required to furnish their employes with _____ and adequate food .

The graph , _____ a set , may have a finite number of components .

details on _____ ; ;

In its important elements _____ Christianity and _____ the Biblical view _____ reality in general , which now cause us much difficulty , could be responded to quite naturally and spontaneously .

And once medicine , food , _____ and shelter had been provided for the flood's victims , communications and the mail were the next top problems .

_____ now music too ? ?

All I ever wanted was to be a free man in _____ own country .

We cannot _____ of Oedipus without a Sphinx , nor of Hamlet without a Ghost .

Heat during the Atlanta campaign , coupled with unsuitable _____ , caused individual irritation that was compounded by a lack of opportunity to bathe and shift into clean _____ .

The potential market for the machine should be comparable to that of the Unifil _____ winder .

There was much sickness in the corps , and the men were , in addition , without the _____ , shoes , and blankets needed for the winter weather .

For added comfort some of the Italian designed sandals have foam padded _____ .

Warm _____ and bedding , of course , are essential .

A posse _____ formed and pursues the robbers , who , having made their escape , are whooping it up with some wild , wild women in a honky-tonk hide-out .

Ptolemy's problem is to forecast where , against the inverted _____ of night , some particular light will be found at future times .

_____ course he would .

the group sets the styles in _____ , the kind of play engaged in , and the ideals of right and wrong behavior .

_____ , 2 ; ;

One part of her audience was totally engaged , the connoisseur witnessing a peculiarly fine _____ of some ancient classic , the other part , the guest of the connoisseur , attentive as one who must take an intelligent interest in that which he does not fully understand .

And for a man who traveled around without any change of _____ , a few more stains on his dark suit may very well have gone unnoticed .

_____ The board of regents of Paris Junior College has named Dr. Clarence Charles Clark of Hays , Kan. as the school's new president .

He recalled Lucy , as `` a bright-looking black-eyed young lady who _____
regularly through the boys' study hall to join the class in Greek in the little
recitation room beyond '' .

And she felt amply rewarded for her suffering when the evidence of Lee's
quack shenanigans , gathered by the tape recorder under her friend's
_____, proved adequate in court for convicting Franklin D. Lee .

You need her even more than you need him '' _____

It works with English , Russian , _____ , Hungarian or almost any other foreign tongue .

A second car _____ coming from the west , from the direction of Sanford's Run .

It was foolish and snobbish to wear _____ when none of these nice people did .

Susan and Julia ripped strips from their _____ and bound the injury .

Nor were there any rules to save him _____

Their only hope of survival was to hold to _____ road and keep marching .

Corruption is hardly a recent development in the city and state that were widely identified as the _____ of Edwin O'Connor's novel , `` The Last Hurrah '' .

In the half darkness the _____ gleamed , and the hall seemed enormous .

Cheap _____ and junk of every sort , as far as the eye could see .

Foster had brought extra _____ also .

In _____ small gallery used as _____ guests' dining room , Meredith sat down at his place and , as always , began teasing _____ young waitress .

“ Get up , _____ .

This set his tone : richness of texture and color , and another kind of richness as well , for his _____ and decorations would have paid the Brush-off's rent for a year .

He went upstairs to phone Crumb _____

There are many possibilities , including _____ circulation , a variety of neurological conditions , and functional disorders .

This agency accepted responsibility for medical services to a population ranging from 638,560 persons in 1941 to 840,503 in 1956 in the Kwango District and adjacent _____ east of Leopoldville .

You may deduct these payments even though your child uses the money to purchase his own _____ or other necessities which you are normally obligated to furnish him , and even though you may be entitled to his services .

(Thornton _____ where he had been driven by a companion .

The last exercise of Roland Claude's prescribed program _____ Henri is a single exercise , done in individual sets with a bit longer pause between sets .

There had been signs and portents like the regular toppling over and defacing of the bust of Lauro Di Bosis near the _____ Lante and in the Gianicolo .

Soon after Loper leaked the news that Frankie had ordered `` two of everything '' just `` in case he spills anything '' , Frankie got so mad at the chic designer that he vowed he would not wear a stitch of Loper _____ .

If anything may be predicted in the quicksilver world of retailing , it seems likely that the suburban branch will come to dominate children's _____ (taking the kid downtown is too much of a production) , household gadgetry and the discount business in big-ticket items .

A tragedy , by his definition , is an imitation of an action that is serious , of a certain _____ , and complete in itself .

Willie's big day revived the running argument about the relative merits of _____ and Mickey Mantle .

they will be faithful unto _____ .

His name is Praisegod Piepsam , and he is rather fully described as to his _____ and physiognomy in a way which relates him to a sinister type in the author's repertory -- he is a forerunner of those enigmatic strangers in " Death In Venice " , for example , who represent some combination of cadaver , exotic , and psychopomp .

Jokes _____ cartoons and cynics to the contrary _____ mothers-in-law make good friends .

The gala is the Thrift Shop's annual bundle party and , as all Thrift Shop friends know , that means the admission is a bundle of used _____ in good condition , contributions of household equipment , bric-a-brac and such to stock the shelves at the shop's headquarters at 1213 Walnut St. .

It was a level at which some of the investors _____ on the sidelines were thought likely to buy the pivotal issues represented in the averages .

The Republicans some weeks ago served notice through Senator Thruston B. Morton (R) _____ Kentucky , chairman _____ the Republican National Committee , that the Kennedy administration would be held responsible if the outcome in Laos was a coalition government susceptible _____ Communist domination .

The family home was _____ in fact _____ a temple ; ;

The citrus tones popular in _____ are also to be found afoot .

I was _____ , like Portia , to present my own brief .

Idea from psycholinguistics talk by Steven Piantadosi

<https://www.youtube.com/watch?v=IA19zXgObKA>

Source data is taken from the Brown corpus (all categories)