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Assignment 5 Report

The knowledge base object is an abstract class that provides a method that generates objects, which are used for a certain text, as was discussed in class. The knowledge base was created in this assignment by generating dicts from the top 10 terms and then using the pickling method. The knowledge base can be easily used in a chatbot if it was implemented in SQL or by using the NLTk approach, which will analyze the user queries and match them to the relevant information in the knowledge base.

The top terms are fashion, makeup, shades, style, designer, artist, trendy, outfit, look,2022.

Chatbot Conversation: Sample

Me: Hello tell me about the top 10 most used words in vogue last year

Chatbot: Sure,

vogue has used many words in their texts, however, the most used ones are fashion, makeup, shades, style, designer, artist, trendy, outfit, and look,2022.

Me: Tell me more about fashion

Chatbot: sure, Fashion is a form of self-expression and autonomy at a particular period and place and in a specific context, of clothing, footwear, lifestyle, accessories, makeup, hairstyle, and body posture. The term implies a look defined by the fashion industry as that which is trending.

Me: can you tell me about makeup?

Chatbot: definitely, cosmetics such as lipstick or powder applied to the face, used to enhance or alter the appearance.