

Friday, 20 December 2024

03-module-03v2

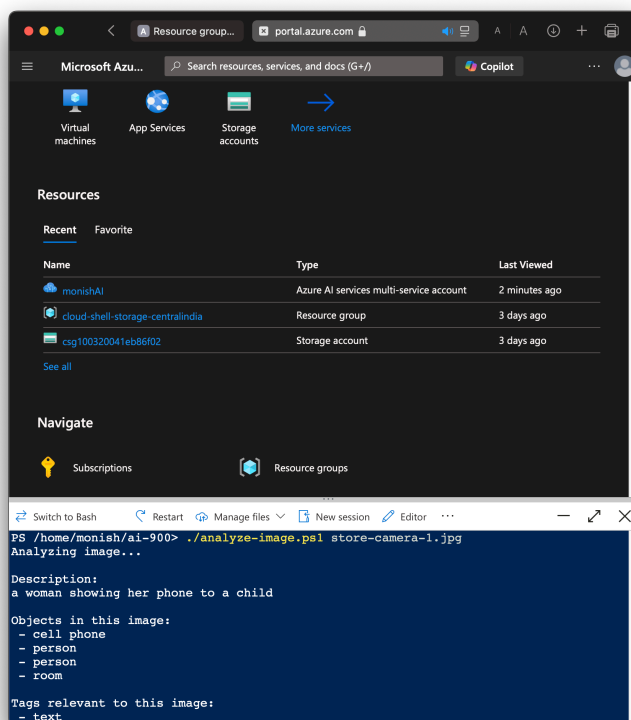
By MONISH NULE

- Natural Language Processing (NLP) is a branch of artificial intelligence (AI) that deals with written and spoken language. You can use NLP to build solutions that extracting semantic meaning from text or speech, or that formulate meaningful responses in natural language.

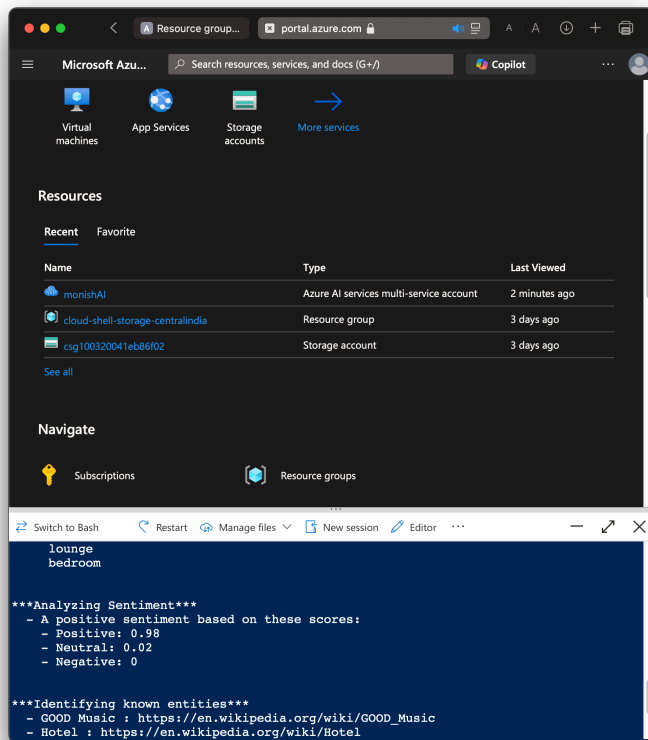
Microsoft Azure AI services includes the text analytics capabilities in the Language service, which provides some out-of-the-box NLP capabilities, including the identification of key phrases in text, and the classification of text based on sentiment.

For example, suppose the fictional Margie's Travel organization encourages customers to submit reviews for hotel stays. You could use the Language service to summarize the reviews by extracting key phrases, determine which reviews are positive and which are negative, or analyze the review text for mentions of known entities such as locations or people.

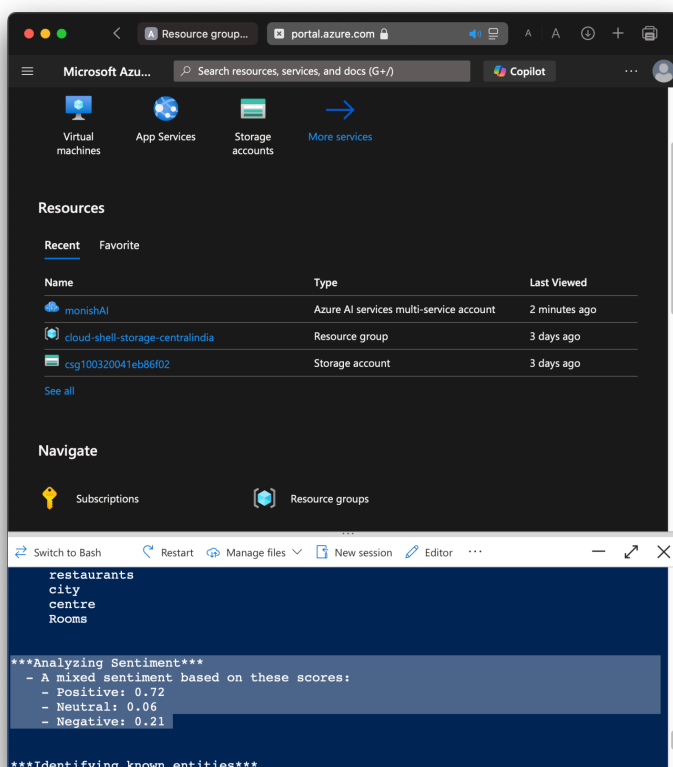
To test the capabilities of the Language service, we'll use a simple command-line application that runs in the Cloud Shell. The same principles and functionality apply in real-world solutions, such as web sites or phone apps.



- Using same azure ai services with assigned end points to it. And api key.



- The out shows the key words, Azure ai seems to have some score for detecting positive or negative sentiment on based on this score. It also gives the link available on wikipedia about the keywords.



- Azure AI Services Provides API and Endpoints to view your results in powershell only. This can be integrated into any projects to work with.

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