Transformers – hugging face natural language processing library

Pegasus –natural language deep learning architecture

In this its state of art which we will use in our summarization

We our importing components for our model to summarize

BeautifulSoup –allows to scrape through our news data

Request – sends request to web

Tokenizer – helps to encode our text( which is news articles in this) into input model so our model can work with it . it is basically converting single word into unique identifier and then decode it back like translator