In [5]:
```python
import nltk
from nltk.corpus import stopwords
from nltk.tokenize import word_tokenize
import pdfplumber

def parse_resume(resume_path):
    # Load NLTK resources
    nltk.download('stopwords')
    nltk.download('punkt', quiet=True)

    # Set up stopwords
    stop_words = set(stopwords.words('english'))

    # Extract text from the resume PDF
    with pdfplumber.open(resume_path) as pdf:
        text = ""
        for page in pdf.pages:
            text += page.extract_text()

    # Tokenize the text
    tokens = word_tokenize(text.lower())

    # Filter out stopwords
    filtered_tokens = [token for token in tokens if token.isalnum() and token.lower() not in stop_words]

    # Define the job-specific keywords
    job_keywords = ['python', 'machine learning', 'data analysis', 'programming', 'deep learning']

    # Check if the resume contains the job-specific keywords
    matched_keywords = [keyword for keyword in job_keywords if keyword in filtered_tokens]

    return len(matched_keywords) > 0

# Example usage
resume_path = 'C:\\Users\\geeth\\OneDrive\\Documents\\resume.pdf'
is_match = parse_resume(resume_path)

if is_match:
    print("This candidate is suitable for the job.")
else:
    print("This candidate is not a match for the job.")
```

```
[nltk_data] Downloading package stopwords to
[nltk_data]     C:\Users\geeth\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
This candidate is suitable for the job.
```

In [ ]: