

Second Method

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In [2]: import re

def detect_spam(comment):
    # Define spam patterns using regular expressions
    spam_patterns = [
        r'\b(?:click\s*here|check\s*this\s*out)\b',
        r'\b(?:subscribe|subscribed|sub\s*back)\b',
        r'\b(?:great\s*video|awesome\s*content)\b',
        r'\b(?:follow\s*me|like\s*my\s*video)\b',
        r'\b(?:make\s*money\s*online|earn\s*money)\b',
        # Add more patterns as needed
    ]

    # Check if the comment matches any spam pattern
    for pattern in spam_patterns:
        if re.search(pattern, comment, flags=re.IGNORECASE):
            return True # Detected as spam

    return False # Not detected as spam

if __name__ == "__main__":
    # Example comments
    comments = [
        "Great video! I really enjoyed it.",
        "Check out my channel and subscribe!",
        "Earn money online, click here!",
        "Nice content, I subscribed.",
        "This is not spam.",
    ]

    # Check each comment for spam
    for comment in comments:
        if detect_spam(comment):
            print(f"Spam detected: {comment}")
        else:
            print(f"Not spam: {comment}")
```

```
Spam detected: Great video! I really enjoyed it.
Spam detected: Check out my channel and subscribe!
Spam detected: Earn money online, click here!
Spam detected: Nice content, I subscribed.
Not spam: This is not spam.
```

In []: