2/1/24, 3:20 PM Youtube\_comment\_2 - Jupyter Notebook

Second Method

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 [ ]:

localhost:8888/notebooks/OneDrive/OneDrive-Dhanu/OneDrive/Desktop/AAIML/Youtube\_comment\_2.ipynb 1/1