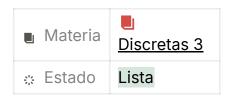
Test Design – Content Classification (DFAs)



Content Classification (DFAs) - Test Design

Goals

 DFAs detect hate, offensive, spam (≥2 links or ≥3 hashtags). Integrative— Task1-2025-2_CyED3

Function Under Test

classify(text) → ClassificationReport (and indirectly categorize).

Test Matrix

ID	Scenario	Input	Expected
D1	Offensive keyword	you are stupid	offensive=True , hate=False , spam=False
D2	Offensive with punctuation/case	IDIOT! stop that	offensive=True (punctuation stripped before keyword check)
D3	Hate placeholder (classroom-safe)	this is slur1	hate=True
D4	Spam by links	go http://a.com http://b.com #wow	<pre>spam=True , counts.links == 2</pre>
D5	Spam by hashtags	#a #b #c hello	<pre>spam=True , counts.hashtags == 3</pre>
D6	Below thresholds	visit http://a.com #a #b ok	spam=False
D7	Mixed-language	oye bro, you are idiot	offensive=True; same result after .upper()
D8	Edge: empty	пп	all flags False