Regular Expression in NLP:

chat1='here you ask a lot question 1234567890, abc@xyz.com'

chat2='here it is (123)-567-8912, abc@xyz.com'

chat3='yes, phone:1234567890 email: [abc@xyz.com](mailto:abc@xyz.com)'

1-match simply written continuous digits written \d{10}.

2-concatinate both format 1234567890, and (123)-234-2432

**e.g.**; patter=r'\d{10}|\(\d{3}\)-\d{3}-\d{4}'

3-matching email format

e.g.; [a-z0-9A-Z][\*@[a-z]\*\.com](mailto:*@[a-z]*\.com)

for all patterns: [a-z0-9A-Z]\*@[a-z]\*\.[a-zA-Z]\*

like io, tech, ,net etc

chatt1='I have isseu with order#123421243'

chatt2='I have a problem with my order number123421243'

chatt3='my order 123421243 having issue'

1-order[^\d]\*(\d\*)

text='''

Born Elon Reeve Musk

June 28, 1971 (age 50)

Pretoria, Transvaal, South Africa

Citizenship

South Africa (1971–present)

Canada (1971–present)

United States (2002–present)

Education University of Pennsylvania (BS, BA)

Title

Founder, CEO and Chief Engineer of SpaceX

CEO and product architect of Tesla, Inc.

Founder of The Boring Company and X.com (now part of PayPal)

Co-founder of Neuralink, OpenAI, and Zip2

Spouse(s)

Justine Wilson

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​(m. 2000; div. 2008)​

Talulah Riley

​

​(m. 2010; div. 2012)​

​

​(m. 2013; div. 2016)

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1-Retrieving age

age (\d+)

2-Retrieving name

Born(.\*)

3-Retrieving Date of birth

Born.\*\n(.\*)\(age

4-Birth place

\(age.\*\n(.\*)