Text index is: 1

Original text: The new Formula 1 season started with a spectacular race in Australia. On the Albert Park circuit in Melbourne, it was confirmed that McLaren has the most powerful car, but the reigning constructors' champion narrowly avoided a major disappointment. Lando Norris and Oscar Piastri were in the top two positions when the rain caused a bit of chaos.

Filtered text: new formula 1 season started spectacular race australia albert park circuit melbourne confirmed mclaren powerful car reigning constructors champion narrowly avoided major disappointment lando norris oscar piastri positions rain caused bit chaos

Processed tokens:

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+================+================+=======+=======+==========+==========+

| new | new | ADJ | JJ | N/A | N/A | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| formula | formula | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| 1 | 1 | NUM | CD | N/A | N/A | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| season | season | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| started | start | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| spectacular | spectacular | ADJ | JJ | N/A | N/A | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| race | race | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| australia | australia | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| albert | albert | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| park | park | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| circuit | circuit | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| melbourne | melbourne | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| confirmed | confirm | VERB | VBN | N/A | N/A | N/A | ['Past'] |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| mclaren | mclaren | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| powerful | powerful | ADJ | JJ | N/A | N/A | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| car | car | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| reigning | reign | VERB | VBG | N/A | N/A | N/A | ['Pres'] |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| constructors | constructor | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| champion | champion | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| narrowly | narrowly | ADV | RB | N/A | N/A | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| avoided | avoid | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| major | major | ADJ | JJ | N/A | N/A | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| disappointment | disappointment | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| lando | lando | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| norris | norris | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| oscar | oscar | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| piastri | piastri | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| positions | position | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| rain | rain | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| caused | cause | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| bit | bit | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

| chaos | chaos | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+----------------+----------------+-------+-------+----------+----------+----------+----------+

Named Entities:

- 1 season (DATE)

- australia (GPE)

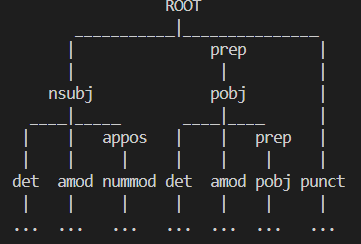
- the albert park circuit (ORG)

- mclaren (PERSON)

- lando norris (ORG)

- two (CARDINAL)

Dependency Tree for Sentence: The new Formula 1 season started with a spectacular race in Australia. On the Albert Park circuit in Melbourne, it was confirmed that McLaren has the most powerful car, but the reigning constructors' champion narrowly avoided a major disappointment. Lando Norris and Oscar Piastri were in the top two positions when the rain caused a bit of chaos.



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Text index is: 2

Original text: We defended poorly. Lewandowski scored a stunning goal, and doubts started to arise. We needed to be solid, to be strong to withstand these great players who played all or nothing. But we couldn’t stay strong, respond on the counterattack, and convert our chances.

Filtered text: defended poorly lewandowski scored stunning goal doubts started arise needed solid strong withstand great players played stay strong respond counterattack convert chances

Processed tokens:

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+===============+===============+=======+=======+==========+==========+

| defended | defend | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| poorly | poorly | ADV | RB | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| lewandowski | lewandowski | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| scored | score | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| stunning | stunning | ADJ | JJ | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| goal | goal | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| doubts | doubt | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| started | start | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| arise | arise | VERB | VB | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| needed | need | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| solid | solid | ADJ | JJ | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| strong | strong | ADJ | JJ | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| withstand | withstand | VERB | VB | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| great | great | ADJ | JJ | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| players | player | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| played | play | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| stay | stay | VERB | VB | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| strong | strong | ADJ | JJ | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| respond | respond | VERB | VB | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| counterattack | counterattack | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

| convert | convert | VERB | VB | N/A | N/A | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

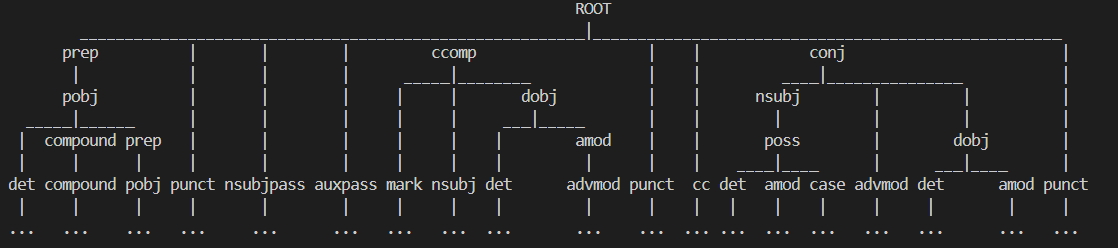
| chances | chance | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+---------------+---------------+-------+-------+----------+----------+----------+----------+

Named Entities:

No named entities found.

Dependency Tree for Sentence: We defended poorly. Lewandowski scored a stunning goal, and doubts started to arise. We needed to be solid, to be strong to withstand these great players who played all or nothing. But we couldn’t stay strong, respond on the counterattack, and convert our chances.



==============================

Text index is: 3

Original text: The online payment service Stripe has been present in Romania since 2020 and this summer announced the opening of an office in Bucharest. The capital's office will be strictly for engineering, and the company, valued at 50 billion dollars, has already begun forming its local team. The first employee is Horia Coman, with whom we talked about how to build the ideal engineering team for an industry leader.

Filtered text: online payment service stripe present romania 2020 summer announced opening office bucharest capital office strictly engineering company valued 50 billion dollars begun forming local team employee horia coman talked build ideal engineering team industry leader

Processed tokens:

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+=============+=============+=======+=======+==========+==========+

| online | online | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| payment | payment | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| service | service | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| stripe | stripe | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| present | present | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| romania | romania | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| 2020 | 2020 | NUM | CD | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| summer | summer | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| announced | announce | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| opening | opening | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| office | office | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| bucharest | bucharest | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| capital | capital | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| office | office | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| strictly | strictly | ADV | RB | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| engineering | engineering | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| company | company | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| valued | value | VERB | VBN | N/A | N/A | N/A | ['Past'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| 50 | 50 | NUM | CD | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| billion | billion | NUM | CD | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| dollars | dollar | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| begun | begin | VERB | VBN | N/A | N/A | N/A | ['Past'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| forming | form | VERB | VBG | N/A | N/A | N/A | ['Pres'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| local | local | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| team | team | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| employee | employee | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| horia | horia | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| coman | coman | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| talked | talk | VERB | VBD | N/A | N/A | N/A | ['Past'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| build | build | VERB | VB | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| ideal | ideal | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| engineering | engineering | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| team | team | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| industry | industry | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| leader | leader | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

Named Entities:

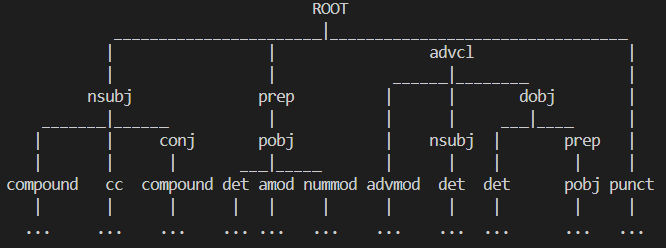
- 2020 (DATE)

- this summer (DATE)

- 50 billion dollars (MONEY)

- first (ORDINAL)

Dependency Tree for Sentence: The online payment service Stripe has been present in Romania since 2020 and this summer announced the opening of an office in Bucharest. The capital's office will be strictly for engineering, and the company, valued at 50 billion dollars, has already begun forming its local team. The first employee is Horia Coman, with whom we talked about how to build the ideal engineering team for an industry leader.



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Text index is: 4

Original text: Natural Language Processing (NLP) is the study and application of techniques and tools that enable computers to process, analyze, interpret, and reason about human language. NLP is an interdisciplinary field that combines established techniques from areas such as linguistics and computer science.

Filtered text: natural language processing nlp study application techniques tools enable computers process analyze interpret reason human language nlp interdisciplinary field combines established techniques areas linguistics computer science

Processed tokens:

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+===================+===================+=======+=======+==========+==========+

| natural | natural | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| language | language | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| processing | processing | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| nlp | nlp | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| study | study | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| application | application | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| techniques | technique | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| tools | tool | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| enable | enable | VERB | VBP | N/A | N/A | N/A | ['Pres'] |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| computers | computer | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| process | process | VERB | VB | N/A | N/A | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| analyze | analyze | INTJ | UH | N/A | N/A | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| interpret | interpret | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| reason | reason | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| human | human | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| language | language | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| nlp | nlp | PROPN | NNP | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| interdisciplinary | interdisciplinary | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| field | field | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| combines | combine | VERB | VBZ | N/A | ['Sing'] | ['3'] | ['Pres'] |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| established | establish | VERB | VBN | N/A | N/A | N/A | ['Past'] |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| techniques | technique | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| areas | area | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| linguistics | linguistic | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

| computer | computer | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

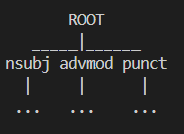
| science | science | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------------+-------------------+-------+-------+----------+----------+----------+----------+

Named Entities:

No named entities found.

Dependency Tree for Sentence: Natural Language Processing (NLP) is the study and application of techniques and tools that enable computers to process, analyze, interpret, and reason about human language. NLP is an interdisciplinary field that combines established techniques from areas such as linguistics and computer science.



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Text index is: 5

Original text: A video game is an electronic game in which interaction with a graphical interface generates a visual response on a screen. Video games generally have a user reward system, usually involving a scoring system, which depends on achieving certain objectives within the game.

Filtered text: video game electronic game interaction graphical interface generates visual response screen video games generally user reward system usually involving scoring system depends achieving certain objectives game

Processed tokens:

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+=============+=============+=======+=======+==========+==========+

| video | video | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| game | game | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| electronic | electronic | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| game | game | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| interaction | interaction | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| graphical | graphical | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| interface | interface | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| generates | generate | VERB | VBZ | N/A | ['Sing'] | ['3'] | ['Pres'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| visual | visual | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| response | response | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| screen | screen | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| video | video | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| games | game | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| generally | generally | ADV | RB | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| user | user | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| reward | reward | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| system | system | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| usually | usually | ADV | RB | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| involving | involve | VERB | VBG | N/A | N/A | N/A | ['Pres'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| scoring | scoring | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| system | system | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| depends | depend | VERB | VBZ | N/A | ['Sing'] | ['3'] | ['Pres'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| achieving | achieve | VERB | VBG | N/A | N/A | N/A | ['Pres'] |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| certain | certain | ADJ | JJ | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

| objectives | objective | NOUN | NNS | N/A | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

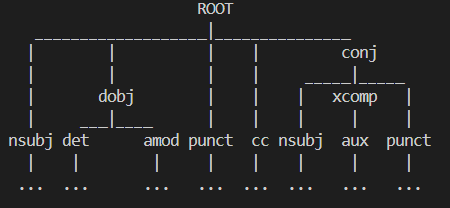
| game | game | NOUN | NN | N/A | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-------+----------+----------+----------+----------+

Named Entities:

No named entities found.

Dependency Tree for Sentence: A video game is an electronic game in which interaction with a graphical interface generates a visual response on a screen. Video games generally have a user reward system, usually involving a scoring system, which depends on achieving certain objectives within the game.



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Text index is: 6

Original text: Noul sezon din Formula 1 a început cu o cursă superbă în Australia. Pe circuitul Albert Park din Melbourne s-a confirmat că McLaren are cea mai puternică mașină, dar puțin a lipsit ca deținătoarea titlului la constructori să sufere o mare dezamăgire. Lando Norris și Oscar Piastri erau pe primele două poziții când ploaia a generat un mic haos.

Filtered text: noul sezon formula 1 început cursă superbă australia circuitul albert park melbourne s- confirmat mclaren puternică mașină puțin lipsit deținătoarea titlului constructori sufere dezamăgire lando norris oscar piastri erau primele poziții ploaia generat mic haos

Processed tokens:

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+==============+=============+=======+=================+==========+==========+

| noul | nou | ADJ | Afpmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| sezon | sezon | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| formula | formulă | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| 1 | 1 | | Mc-s-d | N/A | N/A | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| început | începe | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| cursă | cursă | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| superbă | superbă | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| australia | australie | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| circuitul | circuit | NOUN | Ncmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| albert | albert | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| park | park | PROPN | Np | N/A | N/A | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| melbourne | melbourne | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| s- | sine | PRON | Px3--a--y-----w | N/A | N/A | ['3'] | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| confirmat | confirma | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| mclaren | mclaren | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| puternică | puternic | ADJ | Afpfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| mașină | mașină | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| puțin | puțin | ADV | Rgp | N/A | N/A | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| lipsit | lipsi | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| deținătoarea | deținătoare | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| titlului | titl | NOUN | Ncmsoy | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| constructori | constructor | NOUN | Ncmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| sufere | suferi | AUX | Vmsp3 | N/A | N/A | ['3'] | ['Pres'] |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| dezamăgire | dezamăgire | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| lando | lando | NOUN | Ncmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| norris | norris | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| oscar | oscar | PROPN | Np | N/A | N/A | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| piastri | piastru | ADJ | Afpmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| erau | fi | AUX | Vaii3p | N/A | ['Plur'] | ['3'] | ['Imp'] |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| primele | prim | NUM | Mofprly | ['Fem'] | ['Plur'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| poziții | poziție | NOUN | Ncfp-n | ['Fem'] | ['Plur'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| ploaia | ploaie | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| generat | genera | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| mic | mic | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

| haos | haos | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+--------------+-------------+-------+-----------------+----------+----------+----------+----------+

Named Entities:

- mclaren (PRODUCT)

- mașină (PRODUCT)

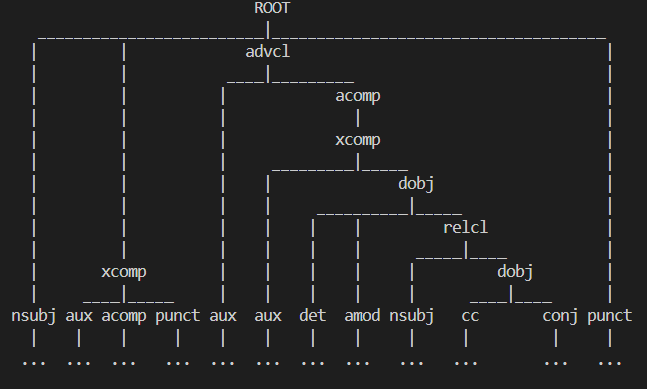
- primele (ORDINAL)

- două (NUMERIC\_VALUE)

- ploaia (GPE)

- haos (PRODUCT)

Dependency Tree for Sentence: Noul sezon din Formula 1 a început cu o cursă superbă în Australia. Pe circuitul Albert Park din Melbourne s-a confirmat că McLaren are cea mai puternică mașină, dar puțin a lipsit ca deținătoarea titlului la constructori să sufere o mare dezamăgire. Lando Norris și Oscar Piastri erau pe primele două poziții când ploaia a generat un mic haos.



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Text index is: 7

Original text: Ne-am apărat prost. Lewandowski a marcat un golazo şi au început să apară îndoielile. Trebuia să fim solizi, să fim puternici pentru a rezista în faţa acestor mari jucători care au jucat totul sau nimic. Dar nu am putut să rămânem puternici, să răspundem pe contraatac şi să ne transformăm ocaziile.

Filtered text: ne- apărat prost lewandowski marcat golazo început apară îndoielile trebuia solizi puternici rezista faţa acestor mari jucători jucat putut rămânem puternici răspundem contraatac transformăm ocaziile

Processed tokens:

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+=============+=============+=======+=================+==========+==========+

| ne- | eu | PRON | Pp1-pa--y-----w | N/A | ['Plur'] | ['1'] | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| apărat | apăra | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| prost | prost | ADV | Rgp | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| lewandowski | lewandowski | PROPN | Np | N/A | N/A | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| marcat | marca | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| golazo | golazo | NOUN | Ncfp-n | ['Fem'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| început | începe | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| apară | apărea | AUX | Vmsp3 | N/A | N/A | ['3'] | ['Pres'] |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| îndoielile | îndoiele | NOUN | Ncfpry | ['Fem'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| trebuia | trebui | AUX | Vmii3s | N/A | ['Sing'] | ['3'] | ['Imp'] |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| solizi | solid | ADJ | Afpmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| puternici | puternic | ADJ | Afpmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| rezista | rezista | VERB | Vmnp | N/A | N/A | N/A | ['Pres'] |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| faţa | faţa | NOUN | Ncfp-n | ['Fem'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| acestor | acest | DET | Dd3-po---e | N/A | ['Plur'] | ['3'] | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| mari | mare | ADJ | Afp-p-n | N/A | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| jucători | jucător | NOUN | Ncmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| jucat | juca | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| putut | putea | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| rămânem | rămâne | VERB | Vmip1p | N/A | ['Plur'] | ['1'] | ['Pres'] |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| puternici | puternic | ADJ | Afpmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| răspundem | răspunde | VERB | Vmip1p | N/A | ['Plur'] | ['1'] | ['Pres'] |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| contraatac | contraatac | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| transformăm | transforma | VERB | Vmip1p | N/A | ['Plur'] | ['1'] | ['Pres'] |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

| ocaziile | ocazie | NOUN | Ncfpry | ['Fem'] | ['Plur'] | N/A | N/A |

+-------------+-------------+-------+-----------------+----------+----------+----------+----------+

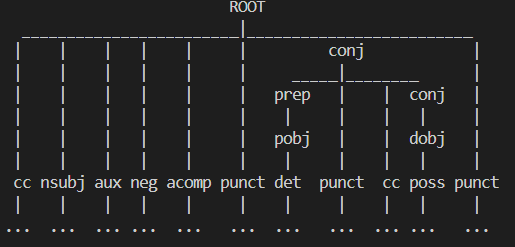
Named Entities:

- golazo (PERSON)

- solizi (PERSON)

- jucători (PERSON)

Dependency Tree for Sentence: Ne-am apărat prost. Lewandowski a marcat un golazo şi au început să apară îndoielile. Trebuia să fim solizi, să fim puternici pentru a rezista în faţa acestor mari jucători care au jucat totul sau nimic. Dar nu am putut să rămânem puternici, să răspundem pe contraatac şi să ne transformăm ocaziile.



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Text index is: 8

Original text: Serviciul de plăţi online Stripe este prezent în România din 2020 și vara aceasta a anunțat și deschiderea unui sediu la București. Biroul din capitală va fi unul strict de inginerie, iar compania evaluată la 50 de miliarde de dolari deja a început formarea echipei locale. Primul angajat este Horia Coman, alături de care am povestit despre cum creezi o echipă ideală de ingineri pentru un lider al industriei.

Filtered text: serviciul plăţi online stripe prezent românia 2020 vara anunțat deschiderea sediu bucurești biroul capitală strict inginerie compania evaluată 50 miliarde dolari început formarea echipei locale angajat horia coman povestit creezi echipă ideală ingineri lider industriei

Processed tokens:

+-------------+------------+-------+---------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+=============+============+=======+=========+==========+==========+

| serviciul | serviciu | NOUN | Ncmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| plăţi | plăţi | VERB | Vmnp | N/A | N/A | N/A | ['Pres'] |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| online | online | ADV | Rgp | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| stripe | Stripe | PROPN | Np | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| prezent | prezent | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| românia | România | PROPN | Np | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| 2020 | 2020 | | Mc-s-d | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| vara | vara | ADV | Rgp | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| anunțat | anunța | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| deschiderea | deschidere | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| sediu | sediu | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| bucurești | București | PROPN | Np | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| biroul | birou | NOUN | Ncmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| capitală | capitală | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| strict | strict | ADV | Rgp | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| inginerie | inginerie | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| compania | companie | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| evaluată | evalua | VERB | Vmp--sf | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| 50 | 50 | | Mc-s-d | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| miliarde | miliard | NUM | Mcfprln | ['Fem'] | ['Plur'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| dolari | dolar | NOUN | Ncmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| început | începe | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| formarea | formare | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| echipei | echipă | NOUN | Ncfsoy | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| locale | local | ADJ | Afpfson | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| angajat | angajat | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| horia | horie | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| coman | coman | PROPN | Np | N/A | N/A | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| povestit | povesti | VERB | Vmp--sm | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| creezi | creez | AUX | Vmip2s | N/A | ['Sing'] | ['2'] | ['Pres'] |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| echipă | echipă | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| ideală | ideal | ADJ | Afpfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| ingineri | inginer | NOUN | Ncmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| lider | lider | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

| industriei | industrie | NOUN | Ncfsoy | ['Fem'] | ['Sing'] | N/A | N/A |

+-------------+------------+-------+---------+----------+----------+----------+----------+

Named Entities:

- românia (GPE)

- 2020 (DATETIME)

- vara (DATETIME)

- bucurești (GPE)

- biroul (ORGANIZATION)

- capitală (LOC)

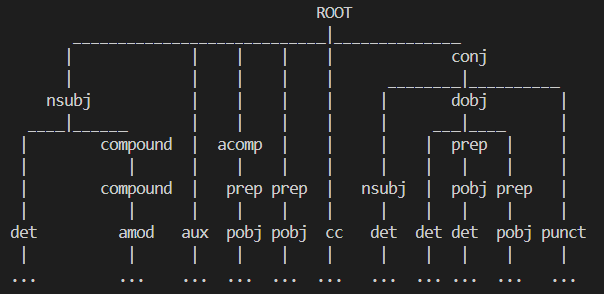
- 50 de miliarde de dolari (MONEY)

- primul (ORDINAL)

- horia coman (PERSON)

- lider (PERSON)

Dependency Tree for Sentence: Serviciul de plăţi online Stripe este prezent în România din 2020 și vara aceasta a anunțat și deschiderea unui sediu la București. Biroul din capitală va fi unul strict de inginerie, iar compania evaluată la 50 de miliarde de dolari deja a început formarea echipei locale. Primul angajat este Horia Coman, alături de care am povestit despre cum creezi o echipă ideală de ingineri pentru un lider al industriei.



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Text index is: 9

Original text: Procesarea limbajului natural (NLP) este studiul și aplicarea tehnicilor și instrumentelor care permit computerelor să proceseze, să analizeze, să interpreteze și să raționeze despre limbajul uman. NLP este un domeniu interdisciplinar și combină tehnici stabilite în domenii precum lingvistică și informatică.

Filtered text: procesarea limbajului natural nlp studiul aplicarea tehnicilor instrumentelor permit computerelor proceseze analizeze interpreteze raționeze limbajul uman nlp domeniu interdisciplinar combină tehnici stabilite domenii precum lingvistică informatică

Processed tokens:

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+==================+==================+=======+=========+==========+==========+

| procesarea | procesare | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| limbajului | limbaj | NOUN | Ncmsoy | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| natural | natural | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| nlp | nlp | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| studiul | studiu | NOUN | Ncmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| aplicarea | aplicare | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| tehnicilor | tehnice | NOUN | Ncfpoy | ['Fem'] | ['Plur'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| instrumentelor | instrument | NOUN | Ncfpoy | ['Fem'] | ['Plur'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| permit | permite | AUX | Vmip3p | N/A | ['Plur'] | ['3'] | ['Pres'] |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| computerelor | computer | NOUN | Ncfpoy | ['Fem'] | ['Plur'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| proceseze | procesa | AUX | Vmsp3 | N/A | N/A | ['3'] | ['Pres'] |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| analizeze | analiza | AUX | Vmsp3 | N/A | N/A | ['3'] | ['Pres'] |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| interpreteze | interpreta | AUX | Vmsp3 | N/A | N/A | ['3'] | ['Pres'] |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| raționeze | raționa | AUX | Vmsp3 | N/A | N/A | ['3'] | ['Pres'] |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| limbajul | limbaj | NOUN | Ncmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| uman | uman | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| nlp | nlp | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| domeniu | domeniu | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| interdisciplinar | interdisciplinar | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| combină | combină | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| tehnici | tehnic | ADJ | Afpmp-n | ['Masc'] | ['Plur'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| stabilite | stabili | VERB | Vmp--pf | ['Fem'] | ['Plur'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| domenii | domeniu | NOUN | Ncfp-n | ['Fem'] | ['Plur'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| precum | precum | ADV | Rw | N/A | N/A | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| lingvistică | lingvistic | ADJ | Afpfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+------------------+------------------+-------+---------+----------+----------+----------+----------+

| informatică | informatic | ADJ | Afpfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

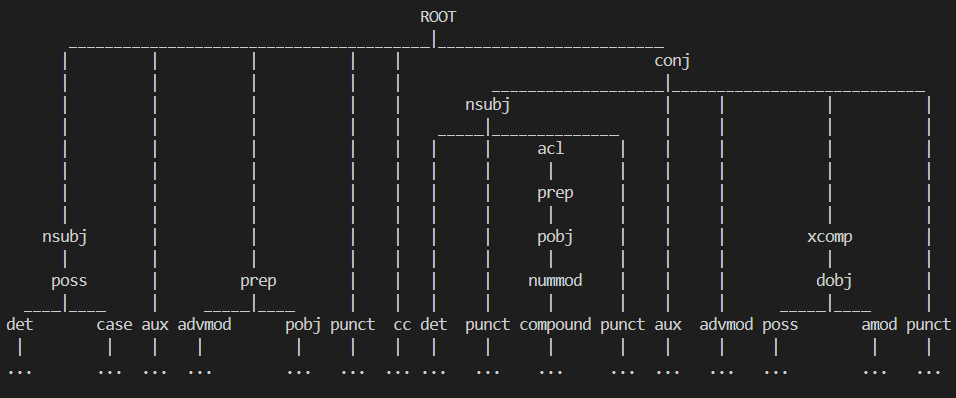
+------------------+------------------+-------+---------+----------+----------+----------+----------+

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Named Entities:

No named entities found.

Dependency Tree for Sentence: Procesarea limbajului natural (NLP) este studiul și aplicarea tehnicilor și instrumentelor care permit computerelor să proceseze, să analizeze, să interpreteze și să raționeze despre limbajul uman. NLP este un domeniu interdisciplinar și combină tehnici stabilite în domenii precum lingvistică și informatică.



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Text index is: 10

Original text: Un joc video este un joc electronic în care se interacționează cu o interfață grafică pentru a genera răspuns vizual pe un ecran. Jocurile video în general au un sistem de recompensare a utilizatorului, de obicei se ține scorul, acest sistem depinzând de îndeplinirea unor anumite obiective în joc.

Filtered text: joc video joc electronic interacționează interfață grafică genera răspuns vizual ecran jocurile video general sistem recompensare utilizatorului obicei ține scorul sistem depinzând îndeplinirea anumite obiective joc

Processed tokens:

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| Token | Lemma | POS | Tag | Gender | Number | Person | Tense |

+=================+==============+=======+=========+==========+==========+

| joc | joc | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| video | video | ADJ | Afp | N/A | N/A | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| joc | joc | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| electronic | electronic | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| interacționează | interacționa | VERB | Vmip3 | N/A | N/A | ['3'] | ['Pres'] |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| interfață | interfață | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| grafică | grafic | ADJ | Afpfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| genera | genera | VERB | Vmnp | N/A | N/A | N/A | ['Pres'] |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| răspuns | răspuns | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| vizual | vizual | ADJ | Afpms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| ecran | ecran | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| jocurile | joc | NOUN | Ncfpry | ['Fem'] | ['Plur'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| video | video | ADJ | Afp | N/A | N/A | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| general | general | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| sistem | sistem | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| recompensare | recompensare | NOUN | Ncfsrn | ['Fem'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| utilizatorului | utilizator | NOUN | Ncmsoy | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| obicei | obicei | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| ține | ține | AUX | Vmip3s | N/A | ['Sing'] | ['3'] | ['Pres'] |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| scorul | scor | NOUN | Ncmsry | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| sistem | sistem | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| depinzând | depinza | AUX | Vmg | N/A | N/A | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| îndeplinirea | îndeplinire | NOUN | Ncfsry | ['Fem'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| anumite | anumit | DET | Di3fp | ['Fem'] | ['Plur'] | ['3'] | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

| obiective | obiectiv | NOUN | Ncfp-n | ['Fem'] | ['Plur'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

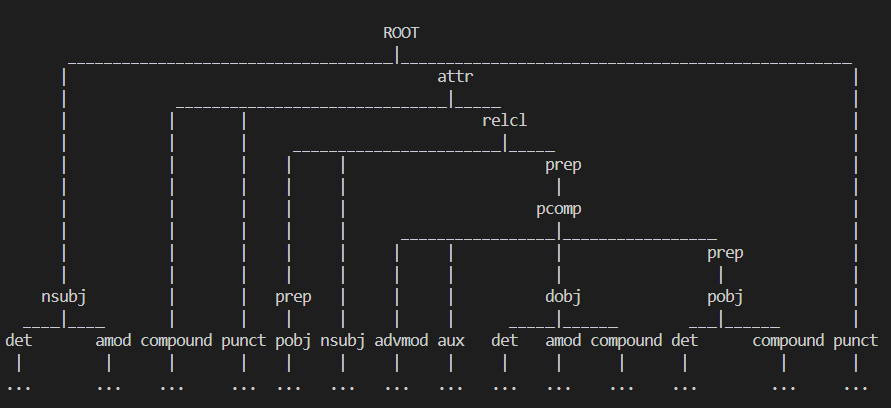
| joc | joc | NOUN | Ncms-n | ['Masc'] | ['Sing'] | N/A | N/A |

+-----------------+--------------+-------+---------+----------+----------+----------+----------+

Named Entities:

- ecran (PRODUCT)

Dependency Tree for Sentence: Un joc video este un joc electronic în care se interacționează cu o interfață grafică pentru a genera răspuns vizual pe un ecran. Jocurile video în general au un sistem de recompensare a utilizatorului, de obicei se ține scorul, acest sistem depinzând de îndeplinirea unor anumite obiective în joc.



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