

## **A Syntactic Analysis of Sentence Structure from Native Speaker Captions on Instagram Using Generative Transformational Grammar**

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### **ABSTRACT**

The aim of this research is to find out the type of sentences used in caption of native speakers on Instagram. And its sentence analyzes using the Noam Chomsky theory on which a tree diagram shows its structure. The type of sentences collected have been taken from caption by several foreign artists. The research also employed qualitative methods of analysis. The results of this research have been the 14 data collected from the caption. The data shows the 3 types of sentences found mostly on tables and tree diagrams. The table and tree chart process demonstrates that the significance of sentences can be clearer, so the substance of the story is conveyed effectively to the user.

**Key words:** Generative Transformational; Noam Chomsky Teory; Syntax Structure; Instagram

### **INTRODUCTION**

Language is the primary instrument of correspondence; it can't be isolated from person. We use language to communicate our inclination, answer the peculiarities, share a thought, and furthermore criticize. Because of these realities individuals understand that language assumes a significant part in their day-to-day existence (Gonulal, 2019). In correspondence with others either in oral or composed structures; we use language as the media. Here, the language we utilized should be significant and reasonable to abstain from misconception and distortion (Wong et al., 2017)

In semantics, the learn about the sentence of language is syntax. (Sy et al., 2019) characterizes grammar as the standards of plan of the construction shaped by the course of inference and expression (word) into bigger development of different sorts. As indicated by the above meaning of language structure, it is presumed that punctuation is the course of action and relationship among words, expressions, and statements framing sentences or bigger developments in view of syntactic standards. Language is additionally an arrangement of erratic vocal images through which a gathering participates (Delahunty & Garvey, 2020). By utilizing language, individuals can foster their insight and know something. Alongside, we additionally use language to compose, talk, and break down, for instance, inscription native's speaker caption on Instagram.

The term "transformational grammar" refers to a theory of grammar that considers how phrase structures and linguistic transformations shape how a language is constructed. T-G, also known as transformational-generative grammar (Kates, 2020). In the years that followed the 1957 release of Noam Chomsky's book *Syntactic Structures*, transformational grammar dominated the study of language. The field of linguistics that emerged after Noam Chomsky's *Syntactic Structures* was published in 1957 is referred to as "new linguistics," and it is truly revolutionary. be unconstrained by what is stated and how it is understood. In fact, the definition of the word "grammar" changed.

Grammar was described by the new linguistics as an innate, subconscious skill a set of internal laws that makes up our ability to produce language in humans (Iatridou, 2021) . This internal grammar was to be described by the new linguistics. In contrast to the structuralists, whose aim was to analyze the actual phrases we utter and characterize their hierarchical By creating a model of our internal rules that would result in all grammatical sentences and no non-grammatical ones, transformationalists hoped to unlock the mysteries of language (Newmeyer, 2021). Transformational grammar provided a clear and elegant framework for understanding language as well as fresh insights into the psychological processes that underlie language use (Culicover, 2021) However, the simplicity and much of the elegance of the grammar were lost as it developed. Chomsky's ambivalence and uncertainty regarding meaning, among other things, has afflicted transformational grammar. Transformational grammar was still being fiddled with by Chomsky, who changed the theories, made it more abstract, and added to its complexity in numerous ways, until everyone but those with linguistics-specific training was confused (Riemsdijk, 2020).

Language can likewise be communicated through subtitles from native's speaker caption. The language in caption on Instagram for the most part used to engage individuals. Individuals can utilize their own language (Patel & Patel, 2021), their own style to communicate their inclination and creative mind and they can compose it into a short story. For fledglings, the comprehension of English design is vital. To

comprehend the English message, students can attempt to distinguish basic sentences and attempt to make straightforward sentences in spoken or composing. A straightforward sentence has just a single full predication as an autonomous proviso. One way that can assist perusers with understanding sentence is by native's speaker caption on Instagram. Instagram is every one of one web-based entertainment. Instagram is a picture based virtual entertainment that offers support share photographs or recordings on the web. Instagram comes from the significance of the whole capacity of this application. The word "insta" comes from "instan", like polaroid camera which around then was otherwise called "moment photograph" (Fauziyah & Nurjannah, 2019). Instagram can likewise show photographs in a split second, very much like the polaroid on by all accounts (Greve, 2021). With respect to "gram" comes from "wire" and that implies how it attempts to rapidly send data to others. You are welcome the situation with Instagram which can transfer photographs by utilizing web organization, so the data you need to convey can be gotten rapidly. That is the reason Instagram is an act of the word moment and message.

In this review, the author utilizing native's speakers caption on Instagram to investigate sentence structure. The essayist selects @emmawatson @ellefanning @justintimberlake @chrisevans @leonardodicaprio @shawnmendes @charlieputh @taylorswift @noahschnapp @milliebobbybrown @tomholland2013 @chrishemsworth on inscription Instagram them. In this exploration we will dissect sentence structure utilizing their caption on Instagram. Since from that inscriptions are a kind of sentence which the perusers need to be aware. Essayist additionally examine with one straightforward way, which is characterizing utilizing table and tree chart which will absolutely be handily perceived by the perusers (Tiggemann et al., 2020). These are the motivations behind why the essayist took native's speaker caption on Instagram as the corpus and the author is keen on dissecting it (Avivi & Megawati, 2020).

In this review, the author utilizes generative ground breaking language by (Sharma Yadav, 2020): linearity, categorially, and progressive designs (tree outlines). Linearity is the direct request of the words in the sentence, we use grammatical feature, for example: thing, pronoun, action word, modifier, qualifier, relational word, combination, addition. Categorially is the distinguishing proof of the syntactic classifications of words and gatherings of words. The various leveled construction of the syntactic classifications (e.g., a S is made out of a NP followed by a VP, a VP is made out of a V that might be trailed by a NP, etc.). Tree charts is a sentence investigate by utilizing inward hierarchical construction of sentence as created by set of rules. As indicated by (Sharma, 2019), sentence is the essential unit of syntactic examination which is more straightforward to see the pieces of (expressions) and subpart (grammatical feature) of the sentence in tree outline. A tree graph of grammar can assist with getting the constructions of the sentence.

## **LITERATURE REVIEW**

### **Definition of Reading Comprehension**

Reading and comprehension go hand in hand since the goal or outcome of reading is to understand what has been read. Reading is meaningless if you don't comprehend what you've read. "Reading comprehension is process of acquiring information from context and using schema to interpret the text in order to generate meaning," claims Mukhroji (2011:57). (Estu Widodo Universitas Muhammadiyah Malang, Indonesia, 2019).

According to the description provided above, reading comprehension is the act of deriving meaning from discourse with the goal of fully comprehending the subject matter of the text, as apposed to only deriving meaning from a select few words or sentences. With the activities that have been carried out, readers will get new knowledge from that they have read. Because it is related to the information and knowledge that readers want from existing texts, so they can use new knowledge to add insight and reading comprehension better that before.

### **Techniques in Teaching Reading**

Techniques reading how to comprehend is not easy. Teachers should have some knowledge of techniques to make students able to interpret or understand the concepts throughout the entire text implementation is the technique-what actually occurs in a classroom. It is a specific technique, tactic, or device employed to achieve a certain goal right away (Kurniawan, 2018). According to Ikandaewassid an Sunendar (2008) state that there are various techniques that can be applied in teaching reading comprehension, they are Brainstorming, Summarizing Technique, close Produce, Group Work Technique and Technical Communication, Semantic Mapping.

### **The Definition of Mind Mapping**

Mind mapping is a method or technique of grouping several ideas in a structured framework to help remember or analyze a problem. Explains how mind mapping can be used to make tedious chores engaging and pleasurable in order to improve focus and memory (Zempetakis et al., 2007). The active learning and memory skills of students will improve through mind mapping.

The mind mapping enables all students to communicate their ideas. Students can record the raw data included in typical notes as well as rapidly identify and comprehend the subject's structure and how different pieces of information fit together by using mind maps. According to Buzan there are seven processes to properly building mind maps :

- a. Start writing the main topic in the center of the paper

- b. Use graphic illustrations, symbols, and codes throughout the mind mapping
- c. Select keywords for each branch developed
- d. The branches created must be related to the topic main in the middle of the paper
- e. Make lines/branches that are the same length as the words
- f. Use colors in a mind mapping at the very least
- g. Develop a suitable mind mapping shape individual style or creativity.

### **The Advantages and Disadvantages of the Mind Mapping Technique**

Mind mapping techniques really help improve students' reading comprehension because they make it easier to take notes and are very useful for recording a lot of information in a very short time. Students can be more creative by working in groups while learning, which will help them understand the text's contents. Mind mapping is also very simple to learn and read. The disadvantage of this mind mapping technique is that only covers students' creativity and makes Seeing different student mind maps generated in various formats made the teacher feel a little worn out.

## **METHOD**

### **Design and Samples**

Qualitative research is one of the more suitable studies for unpatterned research. According (J, 2021) the purpose of qualitative research is to explain a phenomenon from the depths and depths of data collection as well as the depth and detail of a studied data. Qualitative study aims to understand something specially, not always looking for the course and effect of something and to deepen comprehension about something that studied. Thus, in this study, the researcher also used descriptive research approach so that readers understand more deeply about property of phrase structures (Ferreira & Qiu, 2021). Object in our research, we use some native's speaker captions on their instagram. We take some native's speaker captions such as : @emmawatson @ellefanning @justintimberlake @chrisevans @leonardodicaprio @shawnmendes @charlieputh @taylorswift @noahschnapp @milliebobbybrown @tomholland2013 @chrishemsworth We will using some their captions on instagram to analyze it to looking for generative transformational grammar ( linearity, categoriality, hierarchical structures/tree diagrams).(R Jacobs & P Rosenbaum, 1986)

### **Instrument and Procedure**

The instrument of this examination are a few references and the author herself. In the wake of gathering information and picking some of information discoveries, the author examines individually information by perusing and understanding the inscription and breaking down utilizing noam Chomsky hypothesis.

## Data Analysis

Technique of data analysis is the process of searching data, of systematically arranging data that is obtained from interviews, field notes, and documentation, in a way organizing data into categories, decoding into units, synthesize, collate into select patterns which are important and that will be learned, and to draw conclusions that are so easily understood by myself and others. According (LaMarre & Chamberlain, 2022) there are three steps in analyzing the data. The three steps are preparing and organizing, coding, and representing the data. In this study, the researcher using these three techniques to analyze our data doing looked for generative transformational using native's speaker caption.

## RESULT AND DISCUSSION

The information of this examination is the sentences from native speaker captions on instagram which will be broke down, they are @emmawatson @ellefanning @justintimberlake @chrisevans @leonardodicaprio @shawnmendes @charlieputh @taylorswift @noahschnapp @milliebobbybrown @tomholland2013 @chrishemsworth . The kinds of sentence will be investigated by involving Chomsky's hypothesis in his book syntactic design, that punctuation is generative, on the grounds that it can produce or make an endless number of sentences (Hidayat & Maryani, 2020) There are 14 sentences found in this examination, which contain syntactic construction the sorts of sentence into 2 classes: Straightforward sentence and Complex sentence. Information for research a syntactic investigation :

No	Native Speakers	Caption on Instagram	Type of sentence
1.	@leonardodicaprio	@Don'tLookUpFilm is in select theaters Desember 10 and on @Netflix December 24	Simple Sentence
2.	@noahschnapp	I really look up to you @shaq	Simple Sentence
3.	@milliebobbybrown	Tomato makes the bread go soggy	Simple Sentence
4.	@taylorswift	Benjamin is 22 in cat years	Simple Sentence
5.	@charlieputh	We love paris !!!!@gblctzn	Simple Sentence
6.	@shawnmendes	Y'all dig this ?	Simple Sentence
7.	@chrisevans	He knows his angels	Simple Sentence
8.	@justintimberlake	Is everyone else's this accurate ?	Simple Sentence
9.	@emmawatson	My heart is broken today.	Simple Sentence
10.		We love you bell forever and ever.	Simple Sentence

11.		I know your energy is being reborn in myriad of ways.	Simple Sentence
12.	@tomholland2013	The multiverse is real	Simple Sentence
13.	@chishemsworth	The struggle was real in this brutal pilates session thanks to @centrfit @liamhemsworth @bobbydazzler84 @zocobodypro @sylviaroberts_pilates	Simple Sentence
14.	@ellefanning	It is Pistachio,if that is helpful.	Complex Sentence

@Don'tLookUpFilm is in select theaters December 10 and on Netflix December 24.

a. Linearity :

@Don'tLookUpFilm is in select theaters December 10 and on Netflix December 24

N            Aux P   V   N            Adv   Conj P   N   Adv

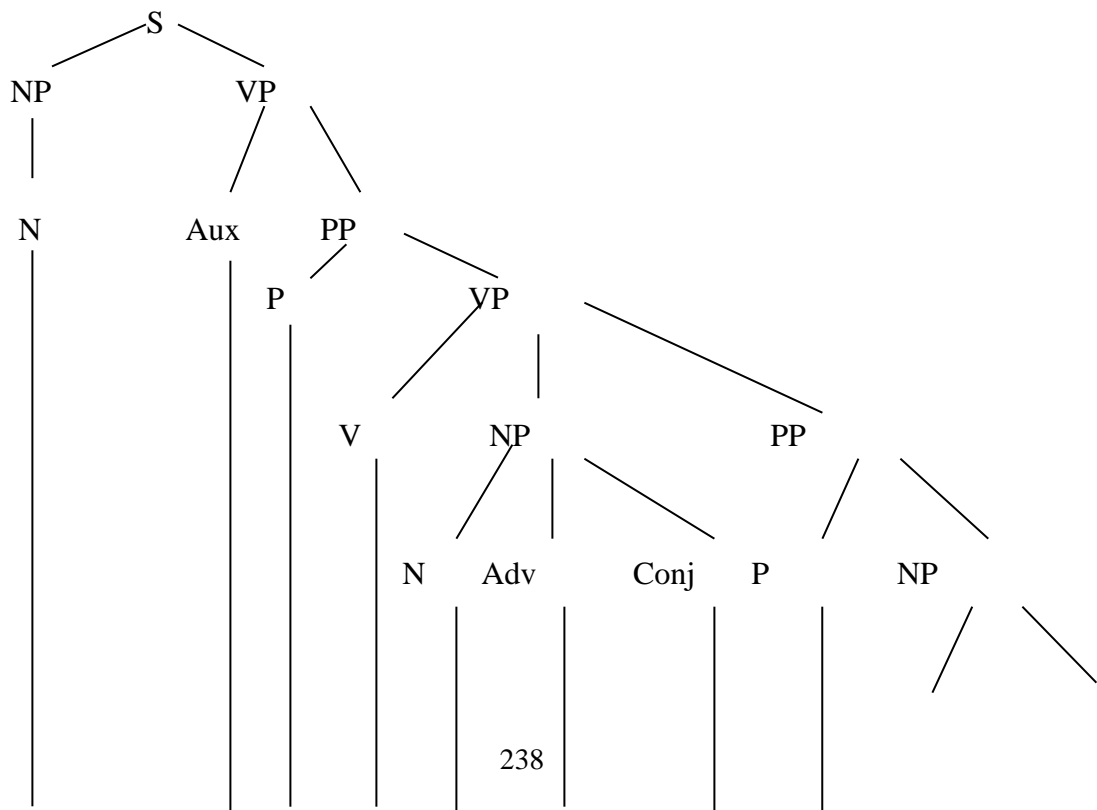
b. Categoriality

@Don'tLookUpFilm is in select theaters December 10 and on Netflix December 24.

NP            AuxPP VP   NP            AdvP   Conj PP   NP   AdvP

S => NP VP

c. Hierachichal Structures ( Tree Diagrams )



N	Adv

Don'tLookUpFilm is in select theaters December10 and on Netflix December 24

**Result table 3.1.1 (a,b,c)**

In the sentence above, Don'tLookUpFilm is delegated a Subject, is named an action word (auxiliary), in is delegated preposition1, select is delegated an action word( Verb ), theaters is named an object, December 10 is delegated a qualifier of time, and as a conjugation, on as a preposition2, Netflix is named an object2, December 24 is delegated an intensifier of time. This is sorted as the kind of basic sentence that can remain without help from anyone else.

**Table 3.1.2**

I really look up to you

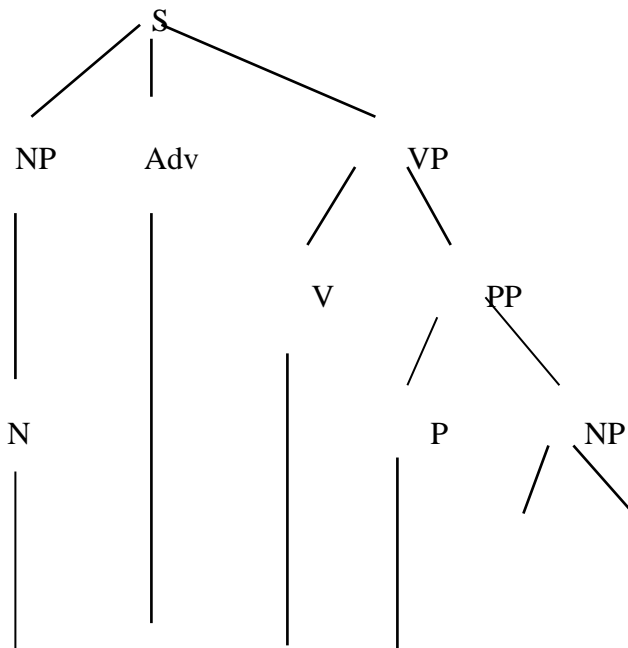
a. Linearity :

I really look up to you @shaq  
N Adv V P N N

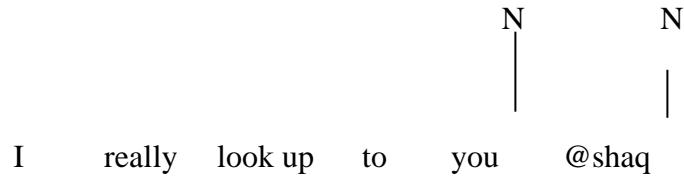
b. Categoriality :

I really look up to you @shaq  
NP AdvP VP PP NP NP  
S => NP VP

c. Hierarchical Structures ( Tree Diagrams )







**Result Table 3.1.2 ( a,b,c )**

In the sentence above, I is named a noun , really is delegated a adverb, look up is delegated a verb, to is named a preposition, you are delegated an object1, @shaq is delegated an object2. This is sorted as the kind of straightforward sentence that can remain without anyone else.

Tomato makes the bread go soggy

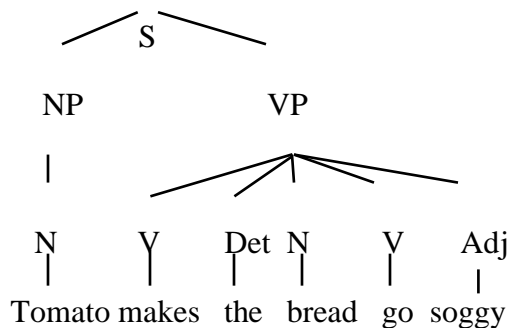
a. Linearity :

Tomato makes the bread go soggy  
N V Det N V Adj

b. Categoriality :

Tomato makes the bread go soggy  
NP VP Det NP VP Adj  
S => VP NP

c. Hierarchical Structures ( Tree Diagrams )



**Result Table 3.1.3 ( a,b,c )**

The sentence above is sorted as the kind of basic sentence. Tomato is ordered as noun , makes is arranged as action word, the bread is sorted as noun, go classified as verb, soggy is classified as adjective.

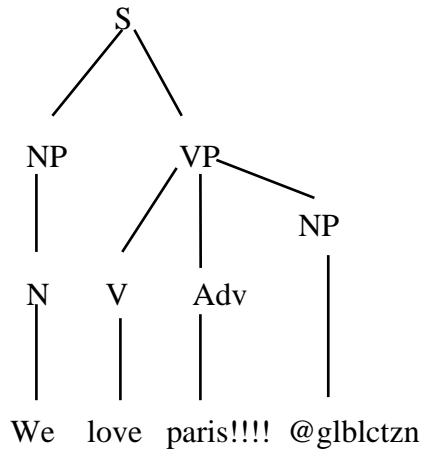
**Table 3.1.4**

Benjamin is 22 in cat years

a. Linearity :

Benjamin is 22 in cat years  
N V Det/quati P N Adv





**Result Table 3.1.5 ( a,b,c )**

In the sentence above We are classified as subject, love is sorted as action word, Paris is ordered as qualifier of spot, @gblctzn is arranged as an article. This is the kind of straightforward sentence since there is no combination word that associates with one another.

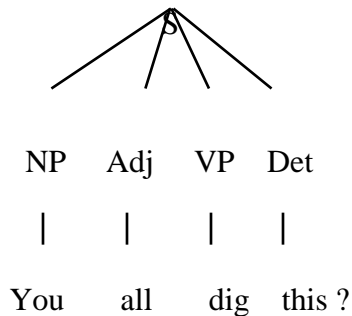
**Table 3.1.6**  
Y'll dig this ?

a. Linearity :  
You all dig this ?  
N Adj V Det

b. Categoriality :  
You all dig this ?  
NP AdjP VP Det

S => NP VP

c. Hierarchical Structures ( Tree Diagrams )



**Result Table 3.1.6 ( a,b,c)**

In the sentence above You are arranged as subject, everything is classified as a descriptor, dig is sorted as action word, this ordered as a supplement. This is the sort of basic sentence since there is no combination word that interfaces with one another.

**Table 3.1.7**

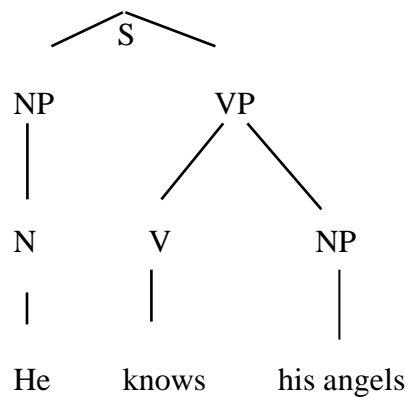
He knows his angels

a. Linearity :  
He knows his angels  
N V N N

b. Categoriality :  
He knows his angels  
NP VP NP

S => NP VP

c. Hierarchical Structures ( Tree Diagrams )



**Result Table 3.1.7 ( a,b,c)**

The sentence above is classified as the sort of straightforward sentence. He is classified as subject, knows is ordered as action word, his holy messengers is sorted as article.

**Table 3.1.8**

Is everyone else's this accurate ?

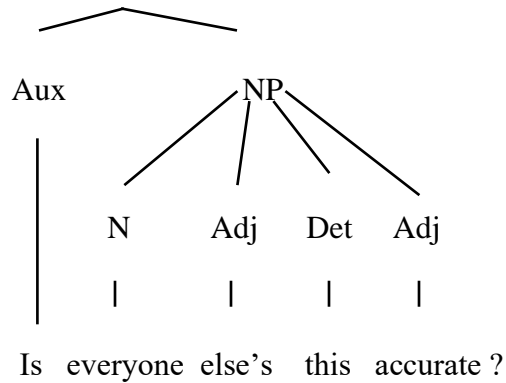
a. Linearity :  
Is everyone else's this accurate ?  
V N Adj Det Adj

b. Categoriality :  
Is everyone else's this accurate ?  
VP NP AdjP Det AdjP

VP = V NP

c. Hierarchical Structures ( Tree Diagrams )

VP



**Result Table 3.1.8 ( a,b,c )**

In the sentence above Is ordered as action word (auxiliary), Everybody is arranged as a subject, else is sorted as modifier, this classified as a supplement, precise is sorted as descriptor. This is the sort of basic sentence since there is no combination word that interfaces with one another.

**Table 3.1.9**

My heart is broken today (1) . We love you bell forever and ever (2). I know your energy is being reborn in a myriad of ways (3).

1) My heart is broken today.

a. Linearity :

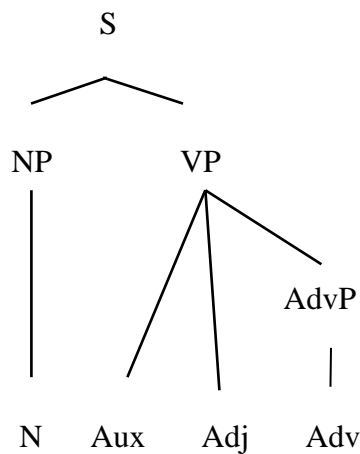
My heart is broken today  
N Aux Adj AdvP

b. Categoriality :

My heart is broken today  
NP VP Adj AdvP

S => NP VP

c. Hierarchical Structures ( Tree Diagrams )



|        |        |        |  
My heart is        broken        today

**Result Table 3.1.9(a,b,c)(1)**

In the sentence over My heart classified as a subject, is arranged as an action word (auxiliary), broken is sorted as descriptor, today is ordered as a modifier of time. This is the sort of basic sentence since there is no combination word that associates with one another.

2) We love you bell forever and ever.

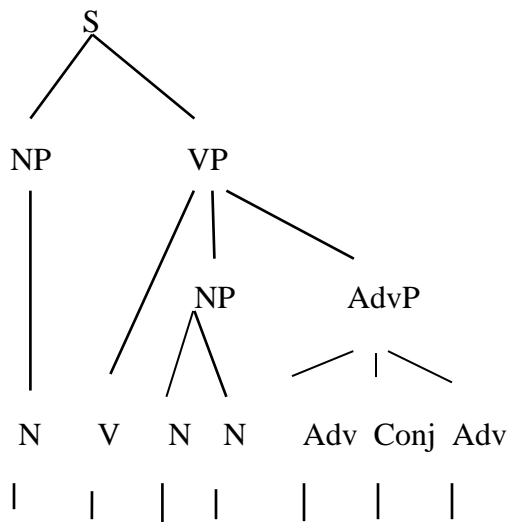
a. Linearity :

We love you bell forever and ever.  
N    V    N    N    Adv    Conj    Adv

b. Categoriality :

We love you bell forever and ever.  
NP VP NP NP            AdvP  
S=>NP VP

c. Hierarchical Structures ( Tree Diagrams )



**Result Table 3.1.9(a,b,c)(2)**

In the sentence above, We are named a Subject, love is delegated an action word, you are named object1, Chime is delegated an object2, always is delegated a verb modifier, and is named a relational word, at any point is named a qualifier. This is classified as the sort of straightforward sentence that can remain without help from anyone else.

3) I know your energy is being reborn in a myriad of ways.

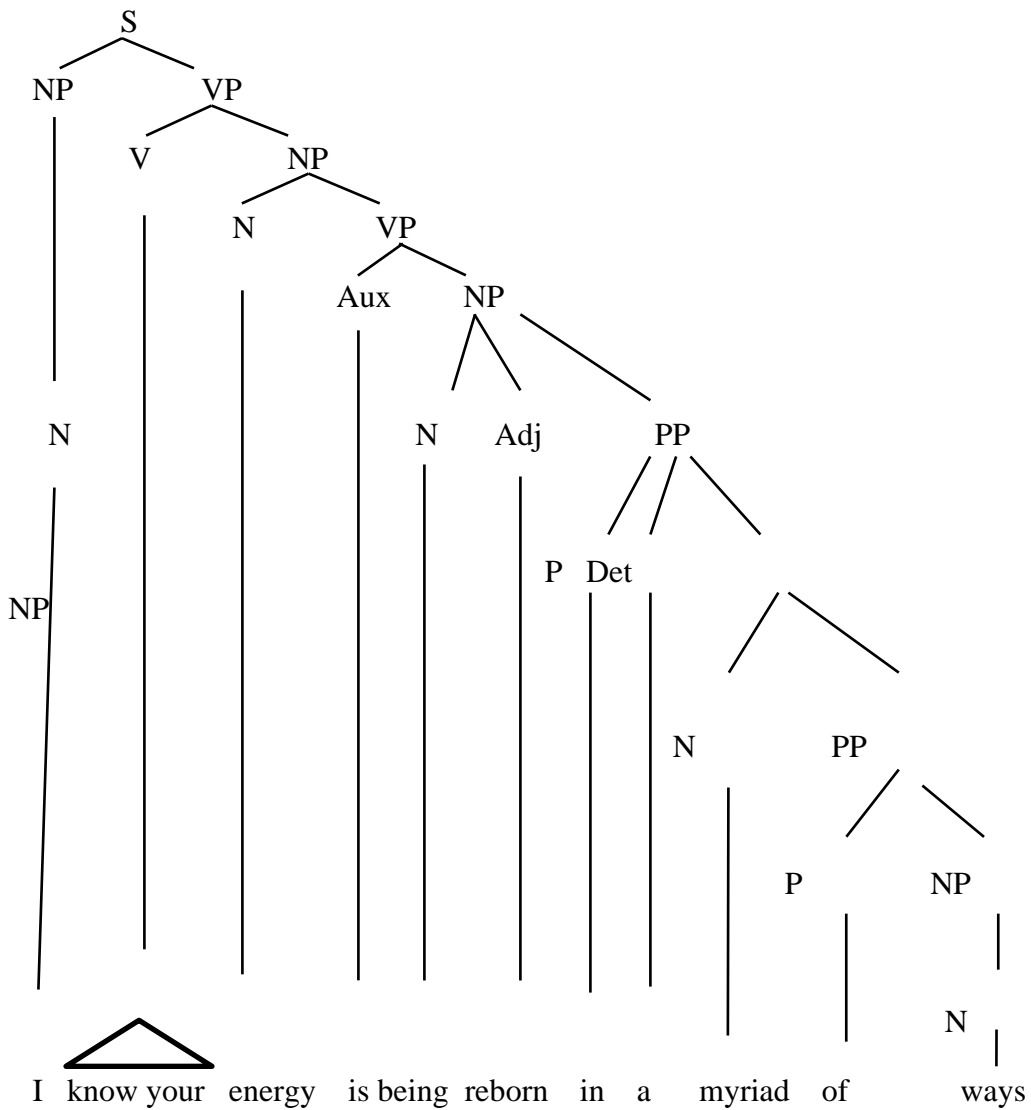
a. Linearity :

I know your energy is being reborn in a myriad of ways.  
 N V N N Aux N Adj P Det N P N

b. Categoriality :

I know your energy is being reborn in a myriad of ways.  
 NP VP NP VP NP Adj PP Det NP PP NP  
 S = NP VP, ( N = NP, VP = V(NP)(PP), PP = P NP)

c. Hierarchical Structures ( Tree Diagrams )

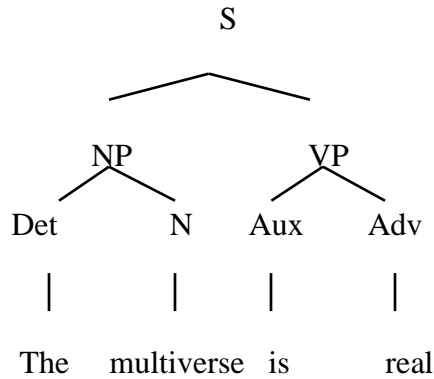


**Result Table 3.1.9(a,b,c)(3)**

In the sentence above, I delegated a Subject, know is named an action word, your energy are named object1, is named an action word (auxiliary), being renewed is delegated an object2, in delegated a relational word, a bunch is named an object3, of ways named object4. This is classified as the sort of basic sentence that can remain without help from anyone else and there is no combination word to associate one another.

**Table 3.1.10**  
 The multiverse is real

- a. Linearity :  
The multiverse is real  
 Det N Aux/V Adv
- b. Categoriality :  
The multiverse is real  
 NP = Det +N , VP = V + Adv  
**S = NP VP**
- c. Hierarchical Structures ( Tree Diagrams )



**Result Table 3.1.10(a,b,c)**

The sentence above is classified as the kind of basic sentence. The multiverse is sorted as subject, is classified as action word (auxiliary), genuine is ordered as modifier.

**Table 3.1.11**

The struggle was real in this brutal pilates session thanks to @centrfit @liamhemsworth @bobbydazzler84 @zocobodypro @sylviaroberts\_pilates

- a. Linearity :  
The struggle was real in this brutal pilates session thanks to  
 Det V Aux Adj P Det Adj N N N PP

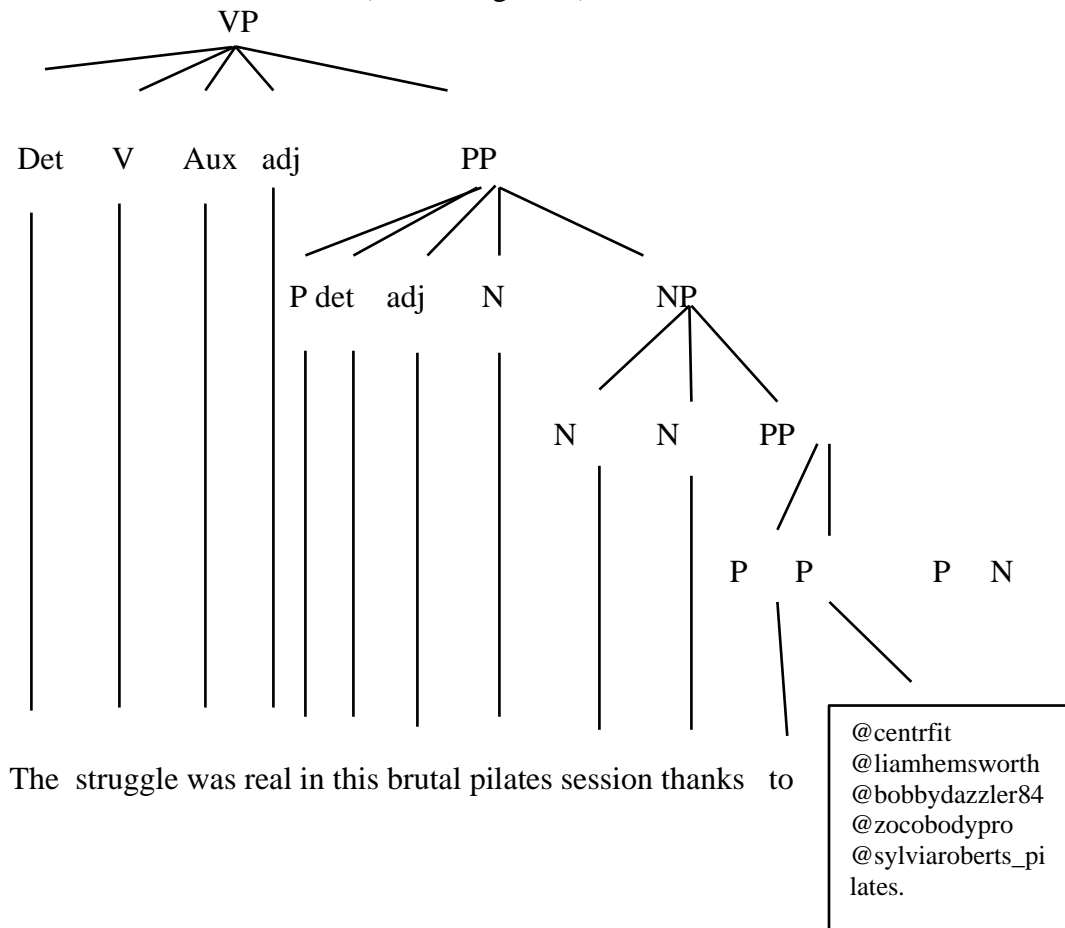
@centrfit  
 @liamhemsworth  
 @bobbydazzler84  
 @zocobodypro  
 @sylviaroberts\_pilates  
 s.  
**N / NP**



b. Categoriality :

The struggle was real in this brutal pilates session thanks to  
Det VP Aux Adj PP NP NP NP PP  
(V=VP, P det N=PP, N=NP, P NP=PP) => VP= V(NP)(PP)

c. Hierarchical Structures ( Tree Diagrams ) :



In the sentence over, The battle named a Subject, was is delegated an action word (auxiliary), genuine named descriptor, in delegated a relational word, this delegated

determiner, severe named a modifier, pilates meeting delegated an object1, on account of @centrfit @liamhemsworth @bobbydazzler84 @zocobodypro @sylviaroberts\_pilates delegated an object2345. This is classified as the sort of basic sentence that can remain without help from anyone else and there is no combination word to associate one another.

**Table 3.1.12**

It is Pistaschio, if that is helpful

a) Linearity

It is Pistaschio, if that is helpful

N V N conj conj V Adj

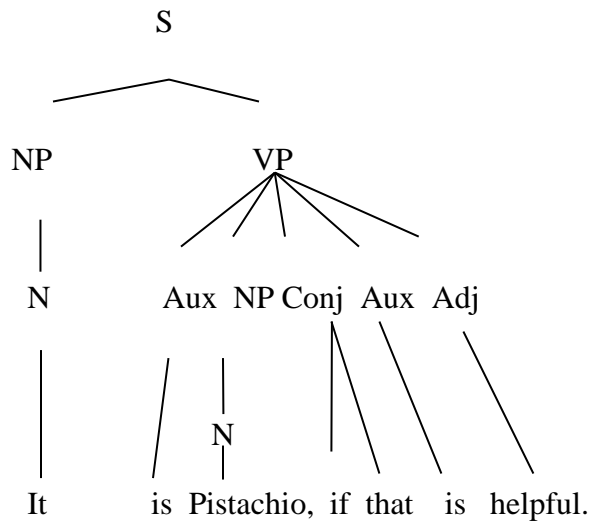
b) Categoriality

It is Pistaschio, if that is helpful

NP VP NP conj conj VP Adj

S=> NP VP

c) Hierarchical Structures



**Result Table 3.1.12(a,b,c)**

In the sentence above, it is arranged as a subject, is ordered as an action word (auxiliary), Pistaschio is classified as item, assuming that is sorted as a combination, is arranged as an action word (auxiliary), supportive is arranged as a descriptor. This is arranged as the sort of mind boggling sentence on the grounds that an intricate sentence contains at least one ward provisions joined to a free proviso. The reliant provisos are associated with the free statement through subjecting conjunctions (e.g.,because,after,when) or relative pronouns (who,which,that).

**CONCLUSION**

Having examined the information, the following stage is to make inference of the linguistic review concerning the sorts of sentence of caption from native speakers on instagram connected with the hypothesis of language structure in view of the hypothesis groundbreaking syntax by (Maamujav et al., 2021). It tends to be presumed that from the two of caption from native speakers on instagram utilized as the examples in this theory, the kinds of sentence utilized in inscription from native speakers caption on instagram are basic sentence and complex sentence. Through the conversation, the scientist likewise observed the predominant sort of sentence utilized in the inscriptions. The straightforward sentence generally show up as opposed to complex sentence. To give clear comprehension of the end, these are the kinds of sentence and the quantity of each sort. The straightforward sentence 13 and the complicated sentence 1. Considering the significance of understanding the sentence structure particularly in the investigation of grammar, these are a few ideas. For understudies who will lead an examination on a similar theme, it will ideally give a reasonable comprehension and a more extensive investigation of story,caption or something like that . It is likewise trusted that there are different understudies who will lead concentrate on related point from various point, trusting that there will be another discoveries managing grammatical review. At last, the author trusts that this proposition can be utilized as a kind of perspective for the people who are keen on concentrating on linguistic review .

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