

DEVELOPMENT OF IMPERATIVE SENTENCE CONSTRUCTION MODEL ON AI PROMPT FOR THESIS WRITING OF FBS STUDENTS

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INTRODUCTION

- The role of artificial intelligence in scientific writing has become a requirement for academic renewal.
- In addition to easy access to information via computers and the internet, artificial intelligence (AI) has been widely implemented through applications used in scientific writing devices.
- When operating the AI application (Chat GPT, Gemini, Co-pilot), precise work instructions (prompts) are required because the AI will respond based on the data in cyberspace (prompt engineering).
- In order for the work instructions to meet the requirements, students must master the construction of imperative sentences, which are used to command, order, or request.
- The research questions are:
 - 1) How can the formula or norm for constructing imperative sentences be developed in the AI prompt for FBS student thesis writing?
 - 2) How can this be utilized in Linguistic Research Methods lectures?

LITERATURE REVIEW

- Imperative sentences in Indonesian according to Keraf (1994); Kridalaksana (2008); Rahardi (2015), Chaer (2015); Alwi et al. (2017); .
- Intransitive construction imperative sentences are clauses that do not require a direct object (Akmajian 2010; Fasold and Connor-Linton 2006) and only require a subject (Valin 2004), having only one argument located in the subject with a valency of one (Dryer 2007).
- Transitive imperative sentences require a direct object (Givón 2001). Transitive sentences with two arguments (two-valency) have one located on the subject and the other on the object (bitransitive) (Carnie 2013; O'Grady, Dobrovolsky, and Aronoff 1997; Fromkin, Rodman, and Hyams 2011).

[illegible]

FINDING AND DISCUSSION

Based on the clause:

- Imperative sentences with a single clause

“**Jelaskan** latar belakang penelitian ini dengan mempertimbangkan ...”

“**Buatlah** latar belakang penelitian tentang”

“**Susunlah** kerangka berpikir berdasarkan teori tentang ...”

- Imperative sentences with compound clauses

“**Analisis** dan **identifikasi** gap penelitian dalam topik ecolinguistik dengan menggunakan teknik analisis ...”

Based on the predicate verb:

- Causative imperative sentences

“Susun kerangka berpikir berdasarkan teori tentang morfofonemik bahasa Indonesia dengan mempertimbangkan hal berikut.”

- Beneficial imperative sentences

“Buatkan saya sintesis pendapat ahli linguistic tentang”

FINDING AND DISCUSSION

Based on the presence of its objects:

- Transitive imperative sentences

“**Analisis** tren penelitian dalam topik sastra horror selama 5 tahun terakhir.”

“Dengan menggunakan teori ... **susunlah** kerangka berpikir yang sistematis dan logis untuk memahami karya sastra klasik”

- Bitransitive imperative sentences

“**Gunakan** teknik NLP dan machine learning untuk menganalisis artikel penelitian terkait topik lanskap linguistic”.

“**Identifikasi** dan **analisis** permasalahan yg relevan dengan topik penelitian... , serta jelaskan ...”

Imperative-causative sentences have active verbs with the suffix “-kan” or the particle “-lah.” The base verbs of imperative-causative sentences come from adjectives that have undergone derivational affixation with the suffix “-kan.”

Imperative-benefactive sentences have active verbs with the suffix “-kan” and their own objects.

CONCLUSION

- The meaning of imperative in AI prompts:
 - 1) direct commands,
 - 2) orders, and
 - 3) requests.
- Practicing imperative sentence construction in each step of writing a thesis can avoid AI responses due to factual errors, unreasonable or irrelevant outputs.
- Recognizing the imperative sentence construction designed by the prompt engineer greatly helps students determine which AI to use..

CONCLUSION

- 1) Rumuskan** sebuah gap penelitian mengenai lanskap linguistik bahasa Indonesia
Buatkan ...
Buatlah ...

$$S = P_{(v)} + O + Adv$$

- 2) Berikan saya** sebuah topik penelitian yang baru mengenai ecolinguistic bahasa Indonesia(!)

$$S = P_{(v)} + O + Pel + Adv$$

- 3) Coba buat** sebuah judul penelitian yang menarik tentang sastra horor dalam bahasa Indonesia (alternatif)
Tolong buat ... (tunggal)

$$S = P_{(Fv)} + O + Adv$$

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THANK YOU!