|  |  |
| --- | --- |
|  | |
| Journal Name: | [**Asian Journal of Research in Computer Science**](https://journalajrcos.com/index.php/AJRCOS) |
| Manuscript Number: | **Ms\_AJRCOS\_141519** |
| Title of the Manuscript: | **Fine-Tuning Deepspeech Speech-To-Text Model For Nigerian English And Yoruba-English Code-Switched Speech** |
| Type of the Article | **Original Research Article** |

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The study used the DeepSpeech speech-to-text model to enhance transcription accuracy for two local Nigerian languages. It also highlights the limitations of the model, setting a blue-print for father research. Furthermore, the study followed the right scientific methodology for the topic considered which could be adopted by other researcher. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes.** Abstract is enough. |  |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes |  |
| Is the language/English quality of the article suitable for scholarly communications? | English language quality is good. |  |
| Optional/General comments |  | 1. Corrected to "DeepSpeech". 2. Corrected to DeepSpeech 0.9.3 in the refined Abstract. 3. Corrected all grammatical/typographical errors. 4. Removed redundancies in:    1. Section 1, Paragraph 7    2. Section 2, Paragraph 4    3. Section 4.2, Paragraph 1 5. Left as “STT models’” as the text is referring to various STT models. |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |