Review of: "SnakeChat: a conversational-AI based app for snake classification"

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Potential competing interests: No potential competing interests to declare.

Here's a summary of the key feedback:

1. Introduction and Literature Review:

   - Some reviewers suggest that the introduction should focus more on the specific problem of snake classification and its significance.

   - Several reviewers point out the lack of a comprehensive literature review, emphasizing the need to include more references and background information related to conversational AI and snake classification.

2. Technical Details and Methodology:

   - The paper is commended for its exploration of the latest OpenAI APIs, specifically GPT-4 and chatGPT.

   - There's a request for more technical details, including information about the metrics used to test the model's performance.

   - Clarification is needed on the types of images suitable for classification and how the system handles unclear snake face images.

3. Comparative Analysis and Results:

   - Some reviewers highlight the importance of comparing SnakeChat with other existing models for snake classification.

   - Suggestions are made to add tables and figures for better representation of results and comparisons.

   - Specific improvements are recommended for figures and text size for better readability.

4. Flow and Organization:

   - The organization of the paper is generally appreciated, but some reviewers suggest improving the flow and structure, including the proper placement of figures.

   - It is advised to use a larger font size for diagrams to enhance visibility.

5. Future Work and Expansion:

- The future work section is acknowledged, and there's support for the idea of expanding the study to cover more snake species.

- Some reviewers recommend including details about the features considered for snake classification, such as color, length, and size.

6. Ethical Considerations and User Understanding:

- Ethical considerations, especially regarding the use of AI in tasks involving living organisms, are highlighted.

- Managing user expectations and providing clear communication about the capabilities and limitations of SnakeChat is deemed crucial.

7. Advantages and Disadvantages:

- The advantages of leveraging OpenAI APIs, flexibility, user-friendly predictions, and potential for integration are recognized.

- Some concerns include the dependency on external APIs, ethical considerations, scalability challenges, and potential issues related to user understanding and expectations.

8. Language and Writing Style:

- There are suggestions to improve the language, correct spellings and grammar, and enhance the overall writing style.

9. Cost Considerations:

- The paper is commended for discussing the cost implications of using GPT-4, and there are recommendations to further explore cost-performance trade-offs.

10. Additional Information:

- Some reviewers request additional information, such as mathematics modeling, and a more detailed discussion on certain aspects of the methodology.

In summary, the feedback provides valuable insights for refining the paper, including enhancing technical details, addressing organizational aspects, expanding the literature review, and considering ethical considerations and user communication.