

That's a great idea! Grounding your prompts in DSM-5-TR criteria is a strong approach to making the ADHD screening process with generative AI more trustworthy and less prone to hallucinations (generating inaccurate or misleading information). Here's why:

- **Standardized Criteria:** The DSM-5-TR (Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition, Text Revision) is the gold standard for diagnosing mental health conditions, including ADHD. By basing your prompts on the established criteria, you ensure they target relevant symptoms and experiences.
- **Improved Accuracy:** Aligning prompts with DSM-5-TR criteria increases the likelihood that the AI will generate responses that accurately reflect ADHD symptoms and avoid irrelevant or off-topic information.
- **Comparison with Expert Resources:** Comparing the AI's responses with websites designed by mental health experts allows you to identify any inconsistencies or limitations. This helps ensure the AI output aligns with established knowledge about ADHD.

Here are some additional tips for making the process even more trustworthy:

- **Transparency:** Clearly communicate to users that the AI tool is for screening purposes only and cannot provide a definitive diagnosis. Encourage them to seek professional help for a complete evaluation.
- **Data Quality:** Train the AI model on high-quality datasets of real-world data related to ADHD. This ensures the AI learns from accurate information and reduces the risk of generating misleading responses.
- **Human Oversight:** Incorporate human oversight into the process. Mental health professionals can review the AI's outputs and provide guidance to users based on their specific responses.

Limitations to Consider:

- **AI is Still Under Development:** Generative AI is a rapidly evolving field, but it is not perfect. The AI might still struggle to capture the nuances of human experience or misinterpret user responses.
- **Focus on Objectivity:** The DSM-5-TR criteria focus on observable symptoms, but ADHD can also involve subjective experiences. The AI might not be able to fully capture these subjective aspects.

Overall, grounding your prompts in DSM-5-TR criteria and comparing the AI's responses with expert resources is a significant step towards making your ADHD screening tool more trustworthy and reliable. Remember, responsible use and transparency are crucial when utilizing AI for mental health screening.