

GenAI / ADAS / Machine Learning

1. Can you use GenAI to develop functionality similar to what you have developed using machine learning or other algorithms?
2. Can we use GenAI for the existing image-classification pipeline for ADAS?
3. Since ADAS is safety-critical, how do you evaluate the model? What variables or metrics do you check?
4. During image recognition in ADAS, what do you evaluate?

ADAS RAG / Project Experience

5. You created a document knowledge base and used it for the ADAS RAG project, right?
6. Were you doing this for radar?
7. You worked on ADAS RAG, and before that you worked on an image-classification pipeline, right?

LangChain / LangGraph

8. What is the difference between LangChain and LangGraph?

Prompt Engineering

9. When doing prompt engineering, what different techniques do you use to get the desired output from an LLM?

Chatbot / Memory / Personalization

10. For a chatbot that asks many questions over time, how do you maintain the context?
11. How do you understand the user's profile and use that information to answer their questions?

Multi-Agent / Security / Authorization

12. Suppose a sales person, consultant, and HR manager are using the system. How do you identify who is chatting and route the question to the appropriate tool or agent?
13. How do you prevent sensitive data from being exposed—for example, sales data to an HR manager or employee reviews to a sales person?
14. How do you get the user's role?
15. Where does that role come from?

RAG

16. What is the basic principle of a RAG system?

17. How exactly does RAG work?

Python

18. What is a decorator in Python?

19. If class A and class B have the same method name and class C inherits from both, which method will be called?

20. When you call a function, how is the scope defined?

21. If multiple classes have the same function name and there is also a global function with that name, and you call the function inside a class, what scope is used?

22. When you call a function, how does the scope work?

23. Is Python statically typed or dynamically typed?

24. What is the difference between a tuple and a set?

25. If you don't want to do anything inside a function but still need to declare it, how would you do that?

HTTP / APIs

26. What does HTTP status code 405 mean?

27. What does 405 mean in general HTTP status codes?

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