

SEARCH	Q
RESOURCES	
CONCEPTS	



Which is best?

Neither approach (**model based** or **data driven**) is strictly better than the other but situations in which one is more useful than the other. Think about the following situations in which one of the model-based or data-driven approaches would be more useful.

QUESTION 1 OF 3

Determining maximum safe turning speed on a wet road.

Model Based

☐ Data Driven

QUESTION 2 OF 3

Predicting the behavior of an unidentified object sitting on the road.

☐ Model Based

Data Driven

QUESTION 3 OF 3

Predicting the behavior of a vehicle on a two lane highway in light traffic.

☐ Model Based

Data Driven

- ✓ 1. Introduction and Overview
- ✓ 2. I/O Recap
- ✓ 3. Model-Based vs Data-Driven A...
- ✓ 4. Which is Best?
- ✓ 5. Data Driven Example - Trajecto...
- ✓ 6. Trajectory Clustering 2 - Online...
- ✓ 7. Thinking about Model Based A...
- ✓ 8. Frenet Coordinates
- ✓ 9. Process Models
- ✓ 10. More on Process Models
- ✓ 11. Multimodal Estimation
- ✓ 12. Summary of Data Driven and ...
- ✓ 13. Overview of Hybrid Approach...
- ✓ 14. Intro to Naive Bayes
- ✓ 15. Naive Bayes Quiz
- ✓ 16. Implement Naive Bayes C++
- 17. Implement Naive Bayes C++ (...)
- 18. Conclusion

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