**CS508 GDB 2023**

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**Solution:**

According to the given scenario, I would like to follow the Ada programming language for analyzing customer data and finding the percentage of customers interested in yellow color dresses because Ada language provides a better choice for analyzing customer data and finding the percentage of customers interested in yellow color dresses. The Ada language is concise code, efficient data analysis capabilities, and focus on safety make it a suitable language for this task. Ada programming language provides modular programming, and built-in support for parallelism, making it a reliable and efficient choice for data analysis tasks, which is our main requirement in this task.

So, it is clear that we can easily complete the given task easily with Ada language.

Now coming to Snobol language, Snobol stands for “String Oriented and Symbolic Language” which is a string-oriented programming language, designed for pattern matching and string manipulation related tasks. It may have some capabilities for analyzing data, but it is less suited for the kind of structured data analysis required for this task. Also Snobol lacks the strong typing, modularity, and efficient data structure support.

So, it clear from the above discussion that Snobol cannot handle this task as per our requirements.

**Conclusion:**

From the above reasons and discussion, I would follow and recommend using a programming language like Ada to solve the given task.