Hi all,

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I've had limited exposure to databases in my previous coursework. I've learned about the basic concepts of databases, their importance in storing and retrieving structured information, and how they are used in various applications. I've learned about SQL databases and their structure a bit in the past. I understand how to design tables, write simple queries, and perform basic CRUD (Create, Read, Update, Delete) operations using SQL. However, I have yet to do any work with MongoDB. My favorite Python IDE must be PyCharm because I used it before in my basic introduction to coding class. It is simple to use, and it helps me install necessary features.

In my daily life, I often use databases without realizing it. For example, when I shop online for household items on websites like Amazon which use databases to store product information. If I search for a pen, I can get a lot of options, but I want a specific one I need to make sure I add in the feature such as ink pen or calligraphy pen. Searching for specific items usually works well and I can navigate through categories like men's or women's sport cloth. Occasionally, I've encountered issues where search results are a bit off or filters don't work as expected.