

## Big Data Lab02

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### Basic Tasks

a/

b/ Social media:

Because data of social media are unstructured, so we can use NoSQL database. In addition, the number of users and data on social media is increasing all the time, which means that the database needs to be sufficiently scalable. So Altamira LUMIFY is a choice. Not only is it scalable enough to store large amounts of unstructured data, but it also has security to ensure user privacy and help analyze user data.

Education:

This data is structured, but Microsoft Azure provides higher security, so it is recommended. It can not only fully guarantee the security and integrity of data, but also retrieve at any time.

Weather:

Weather data is usually stored in NoSQL and analyzed these by R-programming. The R-programming is a software tool specifically designed for statistical analysis and scientific calculations that helps to help analyze weather conditions. It can also produce charts and images that can be sent to television stations or smartphones.

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### Medium Tasks

a/ See my repo [BigData/Comparison between Relational and NoSQL database.xlsx](#)

b/ See my repo [BigData/Comparison between Relational and NoSQL database.xlsx](#)

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### Advanced Tasks

a/ See my repo [BigData/BD Lab02 Pre.pptx](#)

b/ Pre