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IN CLASS ACTIVITY #4

1) Yes, this data is private because it goes to a personal matter. Why would someone want to become on the spot, with their personal information especially their health. They would feel exposed and it is not okay to exposed that type of information.

2) The columns that would stand out would be ; Body Mass Index and Waist Circumference because both columns can affect that person mental health being. This exposure can cause malfunction in the person and cause other factors of stress.

3) Yes, this data set can help predict if an individual has type-2 diabetes because it provides valuable insights amongst columns like; cholesterol, the have you ever been told by a doctors your blood cholesterol is high , and the plasma glucose.

4) A) No, it's not appropriate because it's an invasion of privacy and it goes against their rights.

B) Yes, because they are asking for information and they aren't invading the persons property unlike question A.

5) A) It's only appropriate if it's between Medical Providers, Patients, and Doctors.

B) It's not appropriate if it wasn't consented , for example if someone were to sell it on a site .

6) THE ARTICLE I FOUND :

"The Trade-off Between Privacy & Quality for Counterfactual Explanations"

A) The article looks at how to balance privacy and usefulness in explanations that help people understand health risks. These explanations suggest things people can change to lower their health risks but, sharing personal information can risk privacy. The authors tested a privacy technique called “k-anonymity,” which hides individual details by generalizing data.

B) The biggest privacy issue with these health explanations is that they can accidentally reveal personal details about people.

C) These findings are important for sensitive data, like medical records and It could make the explanations less useful without providing a lot more privacy protection.

D) They recommend considering other methods or combining techniques to get a better balance between keeping data private and making sure explanations are still helpful.