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assumptions we make a few assumptions when we use linear regression to model the relationship between a response and a predictor these assumptions are essentially conditions that should be met before we draw inferences regarding the model estimates or before we use a model to make a prediction the true relationship is linear the meaning of linear is of relating to resembling or having a graph that is a line and especially a straight line straight how to use linear in a sentence consisting of relating to lines or length linear features such as walls and roads are easy to see from the air because they cut across natural features linear measurements may be given either in imperial or metric units but area is normally quoted in square metres a linear diagram hashing in data structures refers to the process of transforming a given key to another value it involves mapping data to a specific index in a hash table using a hash function that enables fast retrieval of information based on its key the transformation of a key to the corresponding value is done using a hash function and the value obtained

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