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Inverse SQL Query Generation Algorithm in the DB Learn Adaptive E-Learning System

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Abstract: Currently, individuals who learn and instruct SQL orders need to get hands-on training with genuine climate to make the learning successful. The making SQL practice is a tedious undertaking for educators. Thus, understudies probably won't get an adequate number of inquiries to meet their requests. The converse SQL question age calculation (ISQLG) is created to take care of this issue. The ISQLG has capacity to naturally produce SQL practice for understudies. The ISQLG can turn around the manual inquiry creation process what begins from making question to begin making inquiry answer first all things being equal. The ISQLG thinks about the current information also data set design by utilizing different requirements. The teachers additionally can determine the language, design and clarification of the inquiries. The ISQLG upholds DML orders – SELECT, INSERT, UPDATE and DELETE – furthermore support information recovery from different tables which perform by JOIN and sub query tasks. The calculation has capacity to produce mass inquiries with less exertion. The educator isn't needed to composing prerequisites and approving the inquiries. The ISQLG can be executed in e-figuring out how to improve feasible practices and further develop learning result for understudies.

Keywords: SQL; automated question generator; e-learning; database learning; reverse question generation.

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