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👉 Datasets and Benchmarks  
 Provides an overview of commonly used datasets and benchmarks for evaluating LLM-based Text-to-SQL systems. It discusses the characteristics, complexity, and challenges these datasets pose for system development and evaluation.  
👉 Evaluation Metrics  
 Presents the evaluation metrics used to assess the performance of LLM-based Text-to-SQL systems, including accuracy, exactness, and execution correctness. The paper also discusses the advantages and limitations of each metric and their relevance to real-world applications.  
👉 Methods and Models  
 Explores the different methods and models employed for LLM-based text-to-SQL, including in-context learning and fine-tuning-based paradigms. It discusses their implementation details, strengths, and adaptations specific to the text-to-SQL task.  
👉 Expectations and Future Directions  
 Discusses the current challenges and limitations of LLM-based Text-to-SQL, such as real-world robustness, computational efficiency, data privacy, and extensions. It also outlines potential future research directions and opportunities for improvement.

