Qeios

Peer Review

# Review of: "MapQaTor: A System for Efficient Annotation of Map Query Datasets"

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The work is good enough to cover the concept which is explained in the methodology. A diverse set of training and evaluation data for large language models (LLMs) is properly explained. MapQaTor enables seamless integration with any maps API, which will help many to accept and do their exercises with minimal setup. Evaluation metrics show that MapQaTor speeds up the annotation process by at least 30 times compared to manual methods. They have used MapQaTor to estimate its usefulness and efficiency.

The methodology section supports the claims made about MapQaTor's efficiency. The image illustrates a workflow for querying and utilizing Map APIs to fetch and process location-based data. The process begins with the user selecting a preferred Map API and submitting queries through various data collection tools. The query is then converted into the required request format and checked against a database for cached results; if unavailable, an API call is made. The response is tracked and converted to the expected format before being visualized in an embedded map. The data is then added to a context where API calls are auto-recorded. Based on the context, users design question-answer pairs with relevant API calls and finally export the dataset in JSON format. This system streamlines geographic data retrieval by integrating APIs, caching mechanisms, and automated data processing.

Please check for grammatical errors.

## Declarations

**Potential competing interests:** No potential competing interests to declare.



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