

Recommending Games Based on Preference and Description: SteamQuery

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Abstract—Steam users receive many of their game recommendations based on what they already play, what their friends play, or what is popular currently. While that is sufficient, there is also a desire to search for games of a specific type and find games that are not typically recommended to users. Our project introduces a system that will recommend games based on a given game description by the user. Utilizing a database that holds game descriptions from the Steam API, we will use a natural language prompt to get game recommendations from a Large Language Model (LLM) and then query our NoSQL database with formatted queries containing the returned game recommendations. This will give the user the game name, steam page, price, tags, and related games.

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