Web Image Re-ranking using Semantic Signature and Visual Query Expansion

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Abstract

Web mining is an important aspect for users to get accurate and relevant data as per user need and satisfaction. Web image re-ranking is an effective way to improve the results of web based image searching. A major challenge in web image re-ranking is that the similarities of visual features are not correlated with images and semantic meanings which can not interpret users search intention. In proposed approach, By providing keyword expansion to textual query and visual query expansion to image query the results retrieved are promising as compared to existing system. Feature extraction, Hashing, Euclidean distance are used to make semantic signature more compact and to further enhance efficiency.

References


2. J. Cui, F. Wen, and X. Tang, “Real time google and live image search re-ranking,”Journal


Index Terms

Computer Science

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Keywords

Web image re-ranking, Semantic Signature, Visual Query Expansion, Hashing