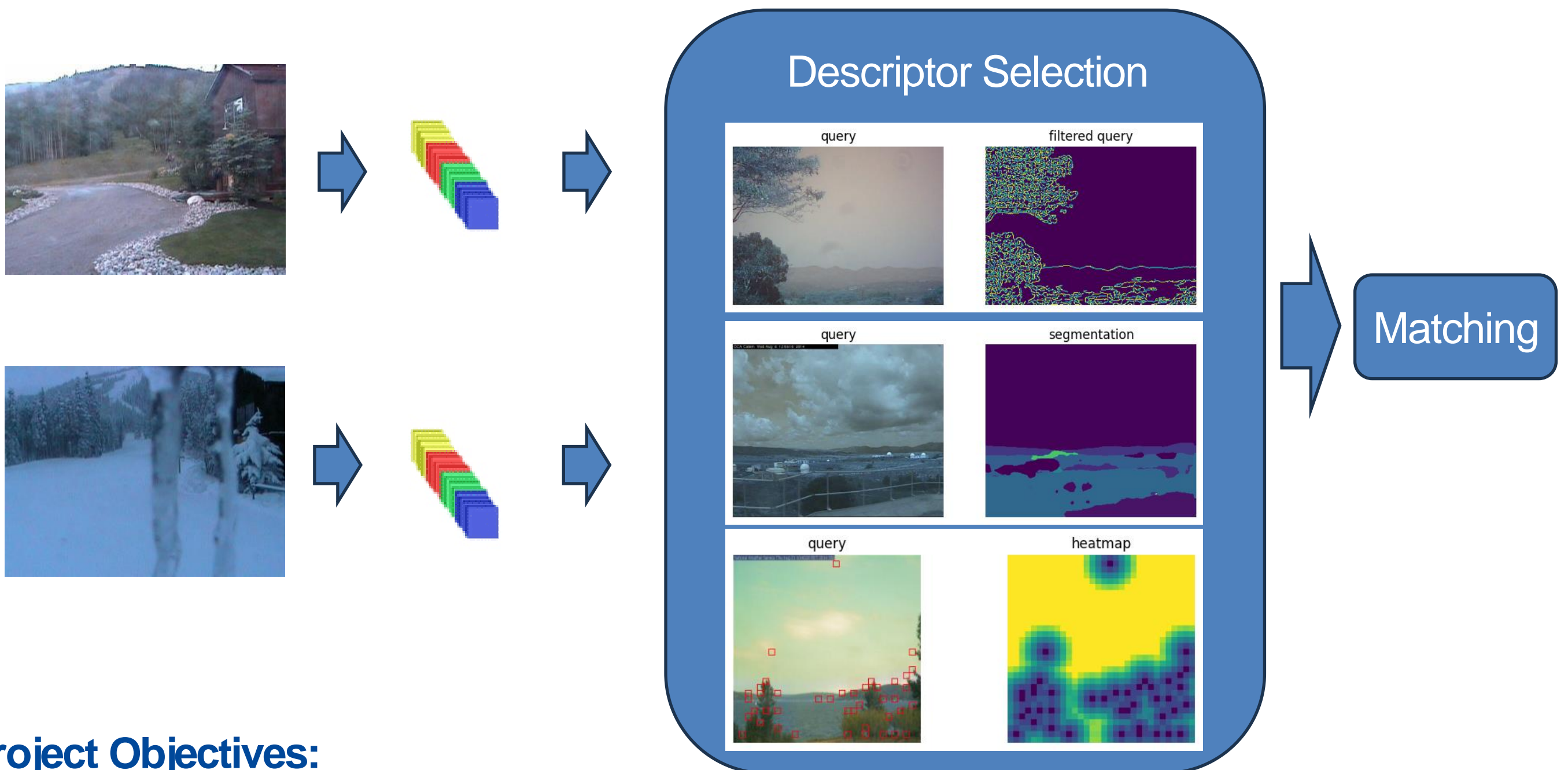


# Local Descriptors in VPR

## Study of subsampling strategies in place images matching

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### Project Objectives:

This project aims to identify the limitations of the attentive patch algorithm used in local descriptor matching and explore solutions to address these challenges. Specifically, by examining and enhancing the algorithm's performance, the project seeks to improve the overall efficiency of local descriptor reranking. This work applies both the anchor selection strategy and adaptive thresholding as part of its approach to enhance the attentive patch algorithm.

### Results:

After utilizing our proposed local descriptor selection strategies and adaptive threshold, the algorithm is able to focus on more critical places and provide a more accurate matching

