

ABSTRACT

Aspects concern a method for point of interest (POI) detection clustering using image embeddings, the method including obtaining, using a neural network, the image embeddings from POI detections including portions of one or more images that are captured in an area of a map, in which at least one POI is detected, calculating an embedding distance between the obtained image embeddings, and recognizing texts included in the POI detections. The method further includes calculating an optical character recognition (OCR) distance between the recognized texts, calculating a final distance between the POI detections, based on the calculated embedding distance and the calculated OCR distance, and clustering the POI detections, based on the calculated final distance.

[Fig. 2]