

ABSTRACT

Embodiments of the present disclosure disclose a geospatial transportation data processing method, an apparatus, and an electronic device. In the embodiments, a location-path pair dataset including a plurality of pairs of location information and path information
5 having a correspondence is acquired, corresponding feature encoding is performed on the location-path pair dataset based on a pre-trained location encoding model and a pre-trained road segment encoding model, respectively, to obtain location feature information and path feature information of a plurality of location-path pairs, and multimodal training is performed based on the location feature information and the path feature information of the
10 plurality of location-path pairs, to obtain a geospatial transportation data processing model. Therefore, in the embodiments, the processing of multiple downstream tasks can be implemented by multimodal training a geospatial transportation data processing model, and the representation of the location features and the path features in the geospatial transportation data is unified through the location encoding model, the road segment
15 encoding model, and the geospatial transportation data processing model, thereby improving the effects and performance of multiple downstream tasks, and increasing the resource utilization rate.