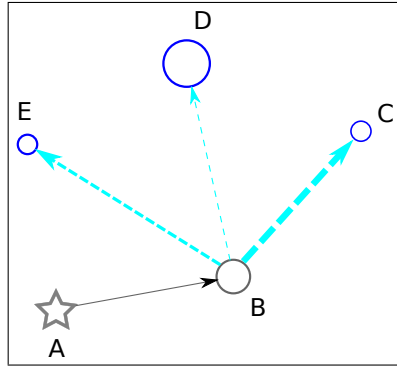
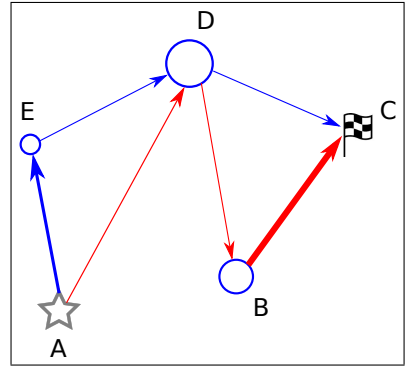


(a) POI Recommendation



(b) Next Location Recommendation



(c) Trajectory Recommendation