

Elena Štefancová

xstefancovae@stuba.sk

RECOMMENDATION TAKING THE TIME ASPECTS OF USERS AND ITEMS INTO ACCOUNT



Supervisor: Ivan Srba Slovak University of Technology in Bratislava

METHODS



CONTEXT-AWARE RECOMMENDATION

 $U \ge I \ge C \rightarrow R$

U = users, I = items,R = recommendations, C = context

INCORPORATING CONTEXT



DOMAIN

Location-Based Social Networks (LBSN) Item = Point of Interest (POI) Transaction = Review of/Checkin at POI

cities with strong as well as weak seasonal weather variation



 $5 \pm reviews/user$ $3\ 000+$ users 3 200+ items 39 000+ reviews