Suitable Peer Learners To Collaborate With Contextual Recommenders

S.Johnkennadi and S.Balamuragan

Abstract

If a contextual recommender is able to detect people nearby who are working on similar learning activities, the system can suggest suitable peer learners to collaborate with. For example,
if a learner is being recommended material to study the theory of relativity while commuting from work to school using a smartphone, short, audiovisual material that fits the screen of the smartphone should be more relevant than a long, text-only document. Accordingly,
the recommender system should rank the short videos higher than the long documents. This re-ranking of the recommended resources is not possible if the system does not know about the context of the user.