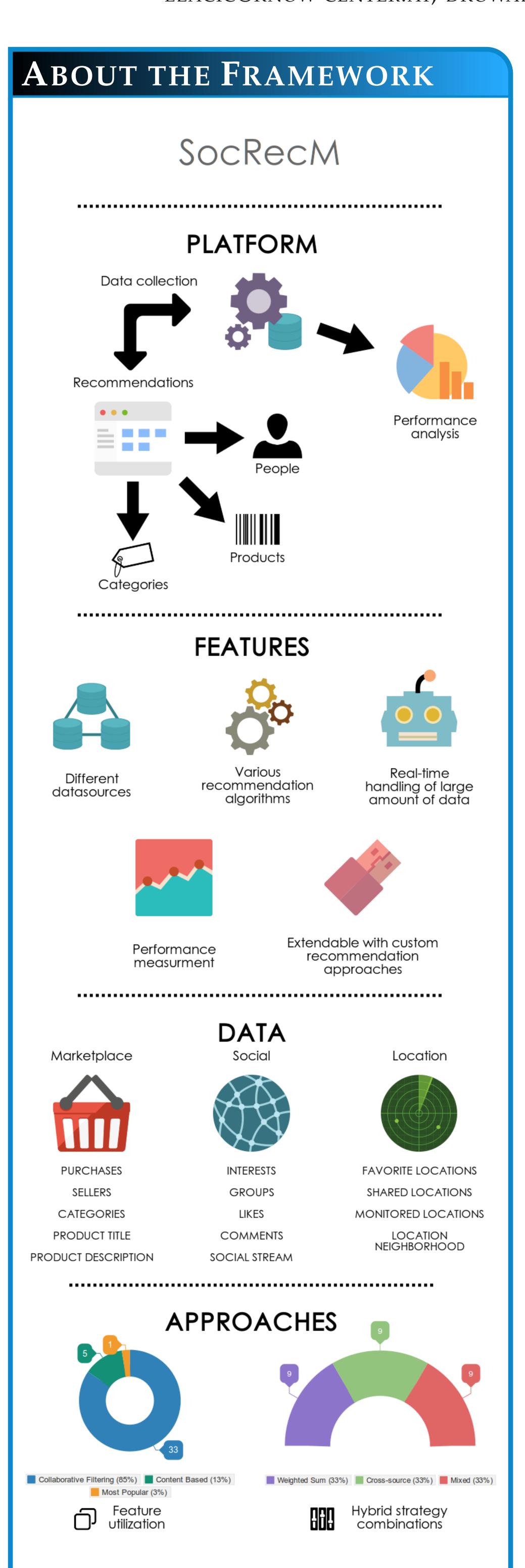
SOCRECM: A SCALABLE SOCIAL RECOMMENDER ENGINE FOR ONLINE MARKETPLACES

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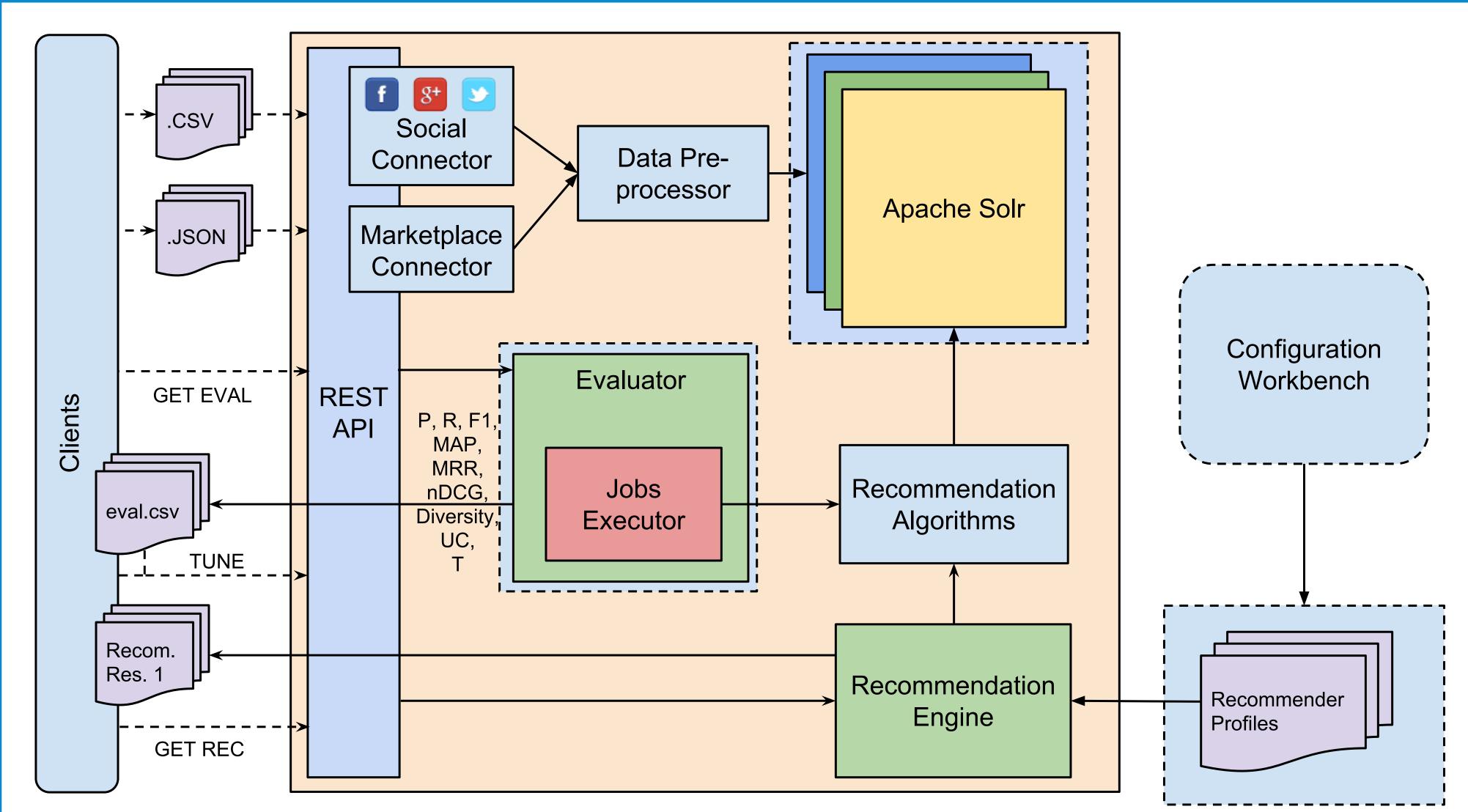




[1] E. Lacic, D. Kowald, and C. Trattner. SocRecM: A Scalable Social Recommender Engine for Online Marketplaces. In *Proc.*, HT '14. ACM, 2014.





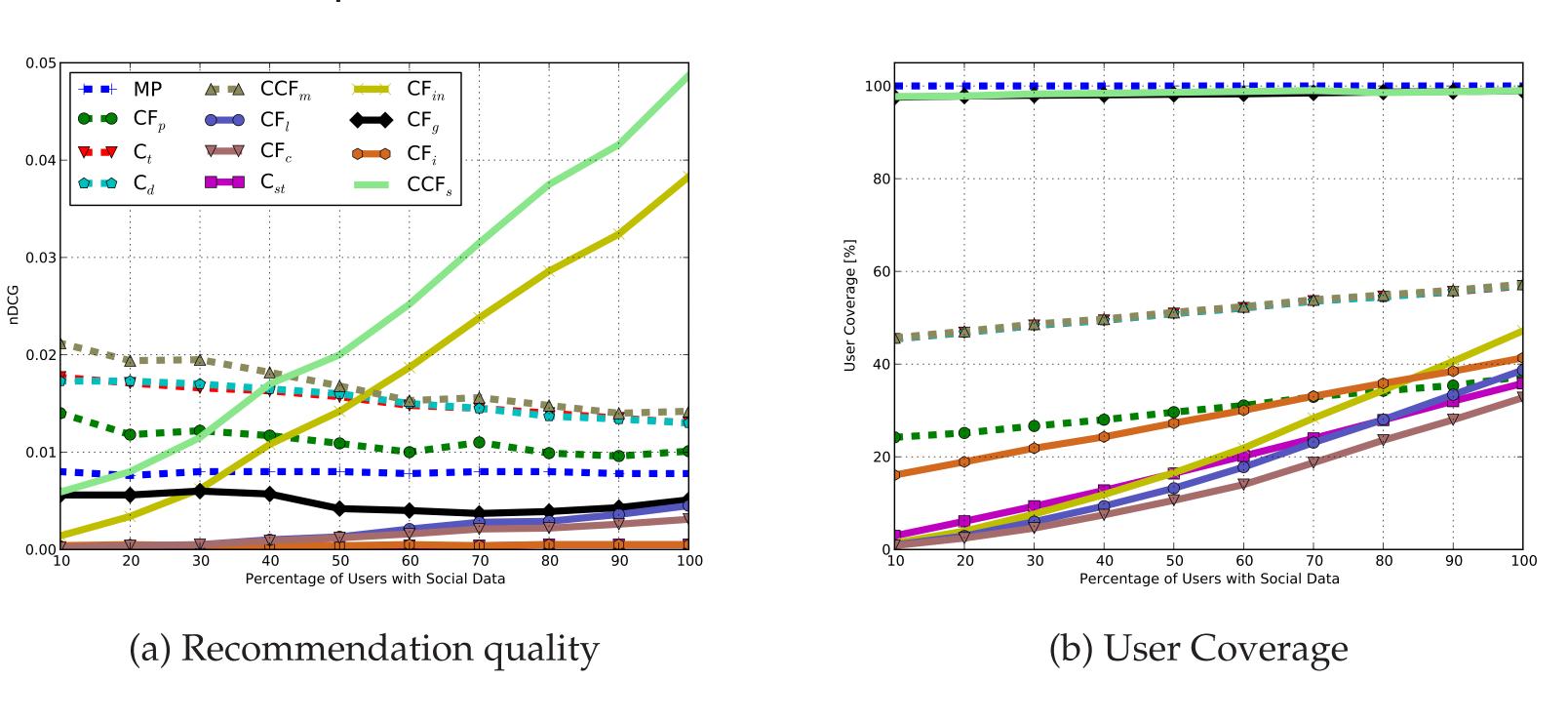


Some of the advantages having the *SocRecM* architecture built on top of Apache Solr:

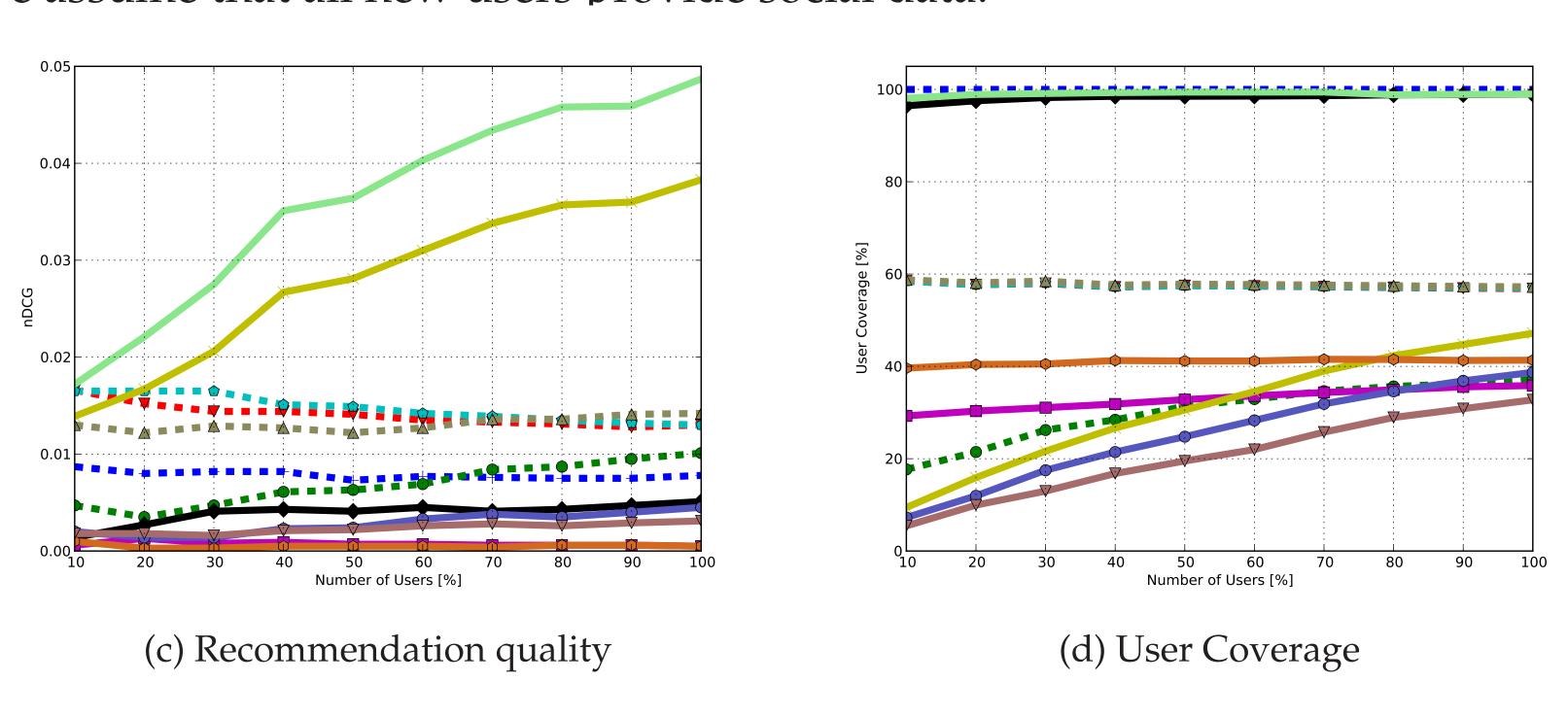
- Advanced full-text search capabilities
- Fast near real-time indexing and replication
- Highly scalable distributed search across multiple hosts
- Support for **geospatial** data

EXPERIMENTS

Experiment 1: Improving the recommendation quality by providing the users' social data in addition to the marketplace data.



Experiment 2: Simulation of a cold-start scenario for a new social marketplace system where we assume that all new users provide social data.



Experiment 3: Mean runtime of the hybrid approaches in *SocRecM*.

