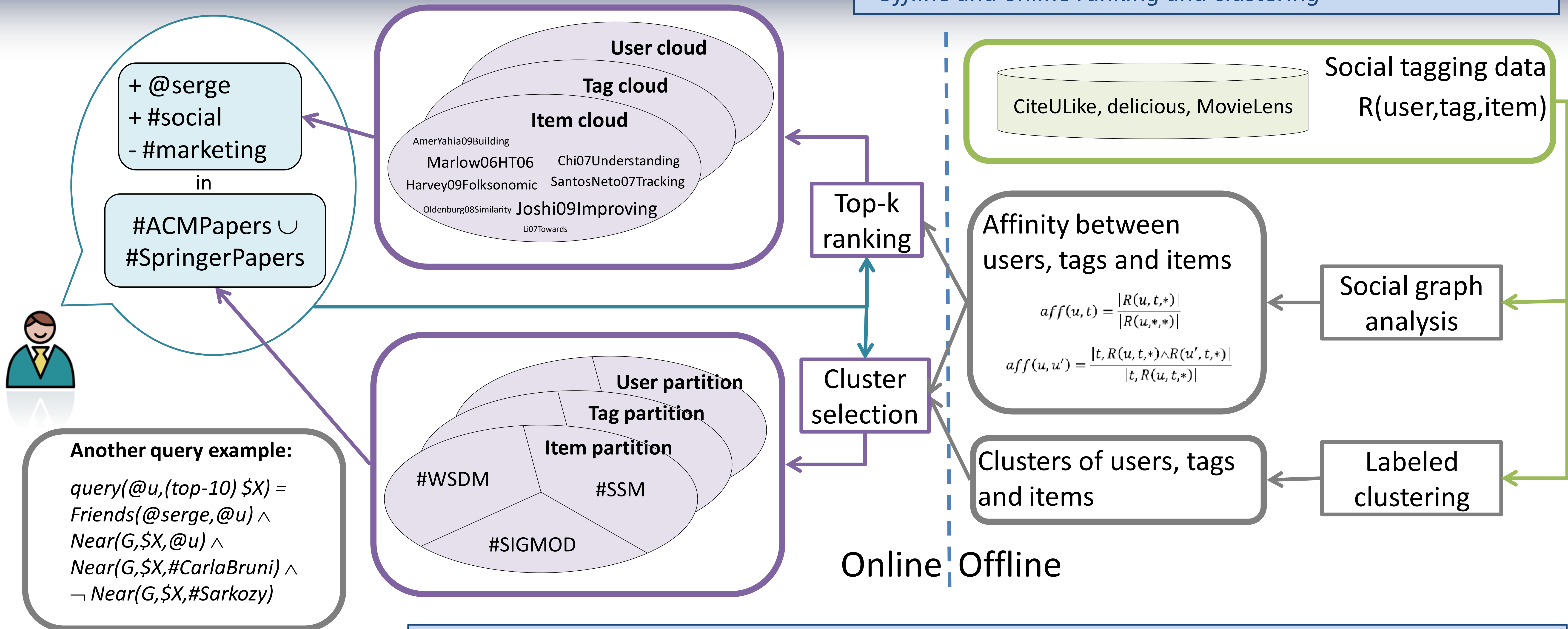


Birds of a tag flock together

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Our goal: to help the user navigate in a social tagging graph

- Navigation-based query construction
- Online incremental query execution
- Offline and online ranking and clustering



Challenges and on-going work

- Affinity: domain-dependent definition based on experiments on real dataset
- Top-k: incremental query evaluation based on user interaction
- Labeled clustering: adaptation of subspace clustering to social graph
- Cluster selection: efficient evaluation based on user interaction
- User navigation: affinity-based ranking and zooming

