(1) Data Collection	(2) Community Detection	(3) Topic Detection (4) Cluster Similar Messages (5) Spam Detection	)
Twitter API	Network construction	Data cleaning  Clean tweets and word tokenizing  Compute probabilitable and paths	
Identify seeds and neighborhoods	k-core	Generate docs interest interest	
Timelines	Community detection	LDA Manual labeling Classification	

(2) Tania Datastian (4) Cluster Cimilar Massagge (5) Organ Datastian

(1) Data Callaction

(2) Community Detection