

(a) Adjacency lists for each loaded partition.

Partition: 1 (edges with source vertices from 1 to 4)

(1)	12	13	14	15	15	8
(2)	3	9	11			
(3)	9	1	46	46	50	
(4)	11	18	31	10		

source vertex id

destination vertex id of existing edge

Partition: 3 (*edges with source vertices from 9 to 13*)

(9)	100	17	18	19	
(10)	5	6	12		
(11)	86	96	9	14	
(12)	1	11	16	13	
(13)	45	50	50	7	13

Similar corresponding adjacency lists are maintained for edge values.

(b) Vertices data structure to refer to the adjacency list of each loaded source vertex.

