Query ID	Optimization method	Before Optimization (ms)	After Optimization (ms)
Q3	Increased buffer pool	4790	254
Q7	Index on users.state	234	47
Q9	Index on users.subCategory	63	0
Q16	Index on tweets.createdTime	6794	198
Q18	Index on users.screenName	2269	156
Q23	Increased buffer pool	2125	79