Parking spot allocation (data analysis)

1 – The project developed in the first part concerned the allocation of car agents to parking lot agents according to different requirements that the car agents desired.

2 – The data analysis problem to be solved for this project is to predict whether car agents will want to park on a specific parking lot or not. This is a standard classification problem which will be solved using various scenarios such as: car agents with shortest distance behaviour being tested to see whether they go to the nearest parking lot versus other type of car agent behaviours and their choices, so that output data of the decisions can be seen.

3 – Whether the car parks or not

4 – Parking lot cost / parking lot distance / number of parks / car agent desired cost / car agent desired distance / car agent desired lot type