

1. A description of the problem and a discussion of the background.

Toronto is the capital city of the province of Ontario and the largest city in Canada by population. The economy of Toronto is the largest contributor to the Canadian economy. Many IT companies have their offices in Toronto.

A fictional IT company based in Rosedale, Toronto needs to choose a location and a possible list of hotels for their employees who will be traveling to Melbourne for few weeks to work at their client office in Melbourne, Australia. Melbourne is one of the largest cities in Australia, with an area of 9,992.5 km² covering 31 municipalities and over 345 localities. The company would like to choose only from those locations in Melbourne which are similar to Rosedale for their employees' accommodation in order to make them feel more comfortable and help them to adapt quickly to the new place. In this project we will attempt to help the company find those locations in Melbourne which are similar to their own location in Rosedale, Ontario.

Therefore, the problem to be answered is: "Which areas of Melbourne are similar to Rosedale, Ontario? Can we have the names and locations of hotels in these locations where accommodation can be arranged for their employees?"