

# Coursera Capstone Project

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## 1 Introduction

Adelaide's most expensive properties, in terms of sales prices, are mainly located in the inner northern, eastern and southern suburbs, largely because of their proximity to the city centre and private schools, and the array of historic homes within them including their proximity to public transport.

People in South Australia generally commute using public transportation to work and other activities. Buying house closer to public transport is important when purchasing a property.

## 2 Business Problem

The business problem is to identify homes closest to public transport especially the train.

## 3 Data

- I will then use Foursquare to explore the neighbourhoods to help the person select a place to call home based on the public transport ie train location.
- I will get the list of postal codes and neighbourhoods from the following:
- I will use geocoder to get the latitudes and longitudes needed.