# Transport

## Overview

Public transport is a convenient way to travel around the city and commute to work. Living in a suburb or a place with a good connection can make your life easier. We assume that number of people transported in every suburb every day indicates a sufficient number of connections as Adelaide metro provides enough transporting capacity. As a result, NextMove will recommend suburbs close to the CBD and transport hubs to users who set Transport as their most important attribute.

## Data Analytics

NextMove uses three datasets. Public Transport Services to get information about number of people boarding at every stop during last 12 months, Adelaide Public Transport Stop Data to get information about stops and their locations and finally Suburb Boundaries to be able to calculate number of people boarding in every suburb.

Suburbs with the total number of transported people are classified. Fourth quartile is ranked with 5 stars. The remaining stars are evenly distributed in the rest of the dataset.

## Datasets

|  |  |  |
| --- | --- | --- |
| Public Transport Services | csv | <https://data.sa.gov.au/data/dataset/public-transport-services> |
| Adelaide Public Transport Stop Data | shapefile (GIS) | https://data.sa.gov.au/data/dataset/adelaide-public-transport-stop-data/resource/1844462e-cd4d-46fe-afe8-984e8e718e6e |
| Suburb Boundaries | shapefile (GIS) | <https://data.sa.gov.au/data/dataset/suburb-boundaries> |