**Data source of Linear Regression**

**Dependent variable:**

Pedal cyclist casualty rate: The number of pedal cyclist casualty rates per million population of 33 boroughs in London from 2015 to 2019. (GOV.UK, 2020)

**Independent variables:**

Population per square kilometre: *The number of population per square kilometre of 33 boroughs in London from 2015 to 2019.* (*GLA Population Projections - Custom Age Tables - London Datastore*, no date)

Square Kilometres：The land area of 33 boroughs in London from 2015 to 2019 (km^2). (*GLA Population Projections - Custom Age Tables - London Datastore*, no date)

Total major road dual carriageway：The length of total major road dual carriageway of 33 boroughs in London from 2015 to 2019. (*Road length statistics (RDL) - GOV.UK*, no date)

Traffic Flows – Cars：The number of million vehicle kilometre travelled by all cars of 33 boroughs in London from 2015 to 2019. (Road traffic statistics (TRA) - GOV.UK, no date)

Traffic Flows - All vehicles：The number of million vehicle kilometres travelled by all motor vehicles of 33 boroughs in London from 2015 to 2019.(Road traffic statistics (TRA) - GOV.UK, no date)

Cars，Motor cycles，Light goods，Heavy goods，Buses and coaches： The number of licensed cars，motor cycles, light goods lorries，heavy goods lorries，buses and coaches of 33 boroughs in London from 2015 to 2019. (Licensed Vehicles - Type, Borough - London Datastore, no date)

**Urls：**

*GLA Population Projections - Custom Age Tables - London Datastore* (no date). Available at: https://data.london.gov.uk/dataset/gla-population-projections-custom-age-tables (Accessed: 31 December 2020).

GOV.UK (2020) *Casualties involved in reported road accidents (RAS30) - GOV.UK*. Available at: https://www.gov.uk/government/statistical-data-sets/ras30-reported-casualties-in-road-accidents (Accessed: 28 December 2020).

*Licensed Vehicles - Type, Borough - London Datastore* (no date). Available at: https://data.london.gov.uk/dataset/licensed-vehicles-type-0 (Accessed: 31 December 2020).

*Road length statistics (RDL) - GOV.UK* (no date). Available at: https://www.gov.uk/government/statistical-data-sets/road-length-statistics-rdl (Accessed: 31 December 2020).

*Road traffic statistics (TRA) - GOV.UK* (no date). Available at: https://www.gov.uk/government/statistical-data-sets/road-traffic-statistics-tra (Accessed: 31 December 2020).