Final Year Project – Modelling UK Internal Migration

Aims:

* Be able to predict population flows around the UK
* Identify key factors that are significant in determining internal migration
* Forecast possible issues that could arrive due to migration

Actions:

* Use Gravity model to investigate links of population and distance to migration between discrete areas.
* Incorporate UK Census data to create Neural Network that can predict flows based on real data
* Use OpenStreetMap data to include geographical and social features in the Neural Network
* Analyse predictions of migration flows to other studies

Outcomes:

* Create Neural Network that incorporates data from UK Census and OpenStreetMap and can model migration flows around the UK.