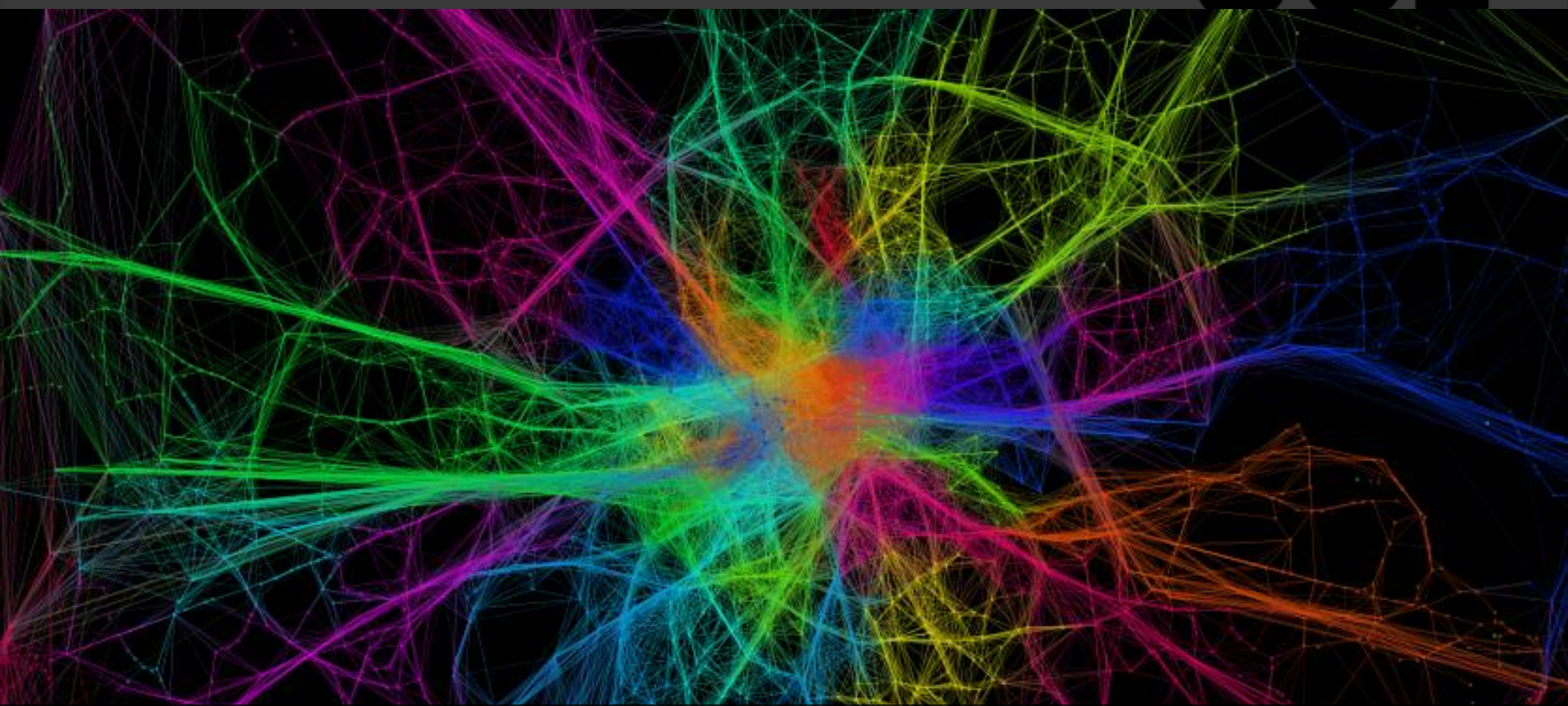




UCL



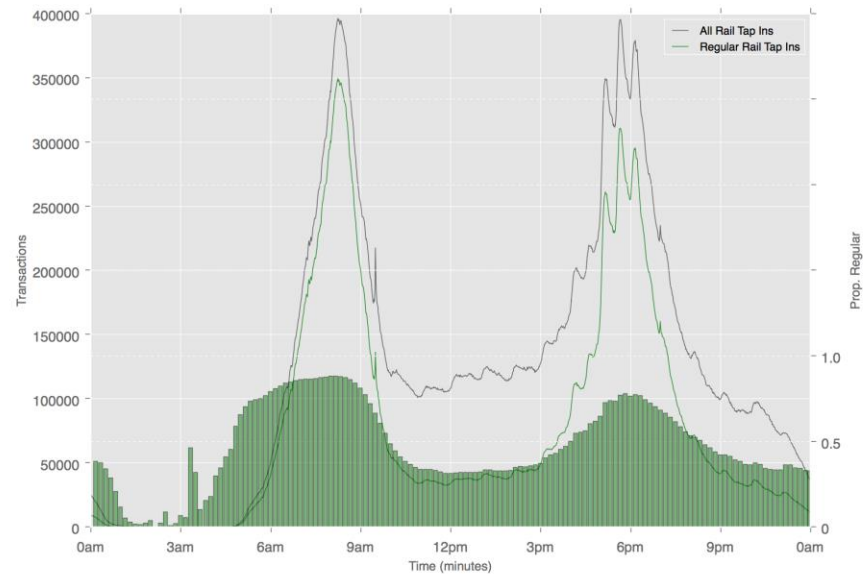
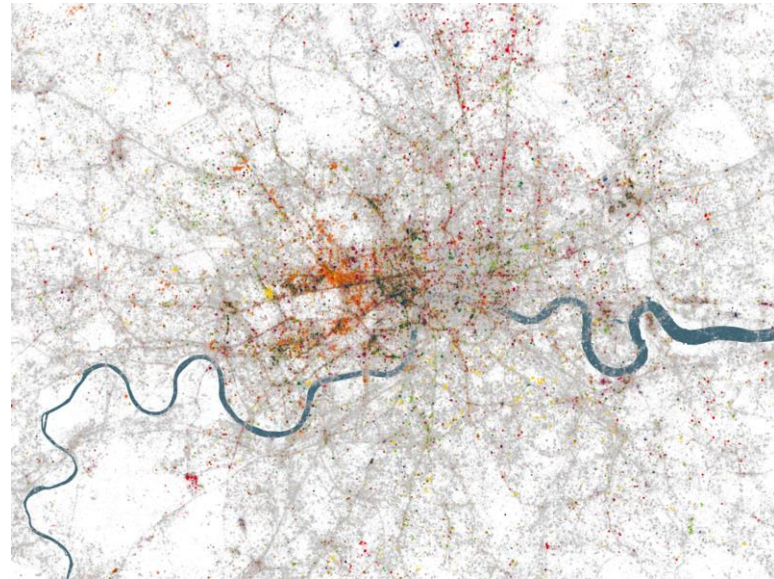
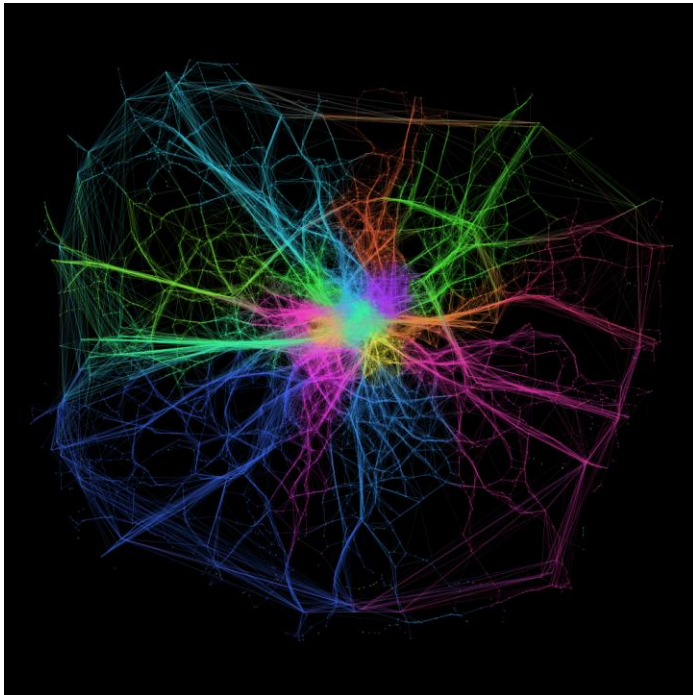
Dr Ed Manley

Lecturer in Smart Cities
Centre for Advanced Spatial Analysis (CASA)
University College London

**Research on
Smart Cities**

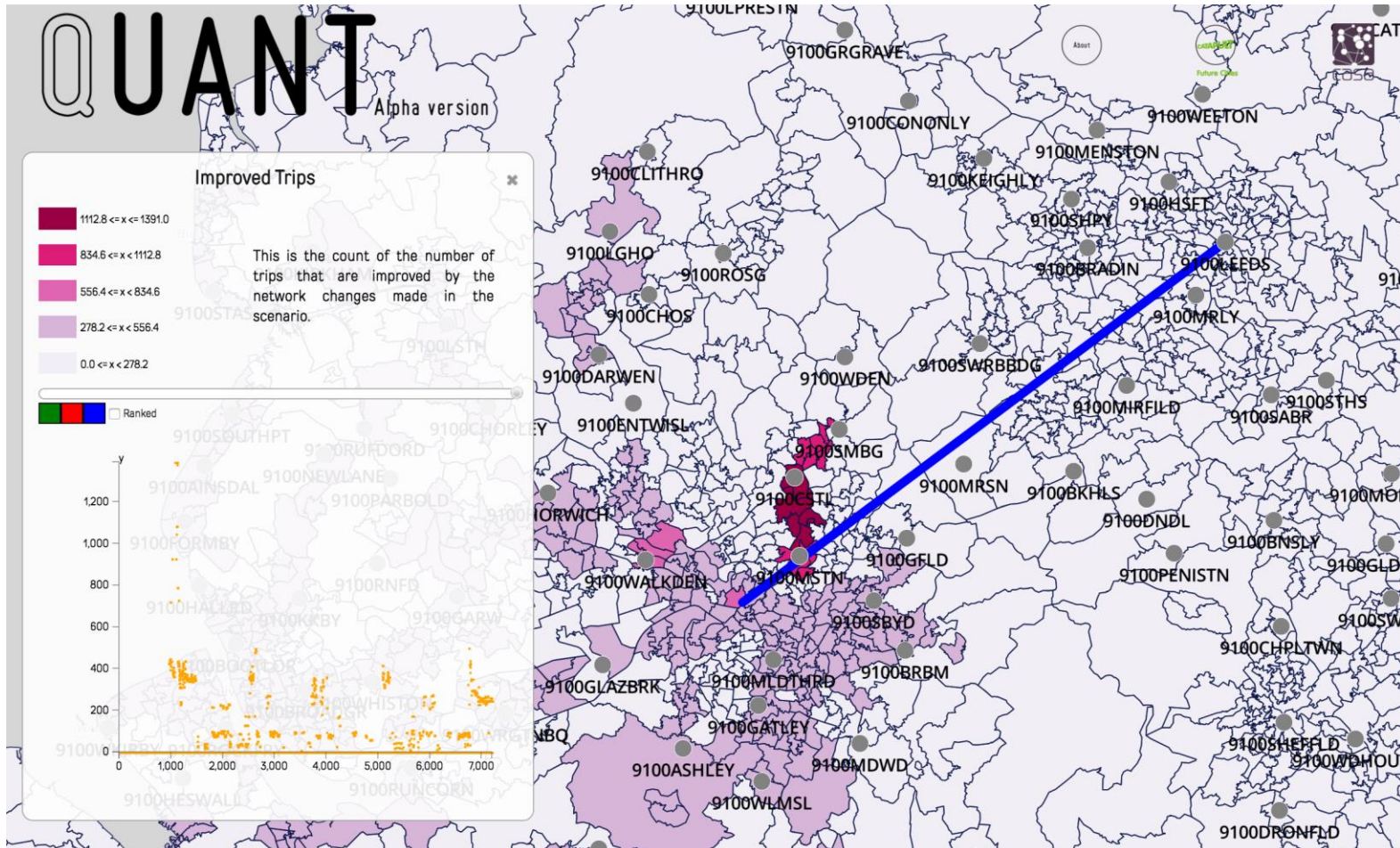
Data Mining

Urban Systems Analysis



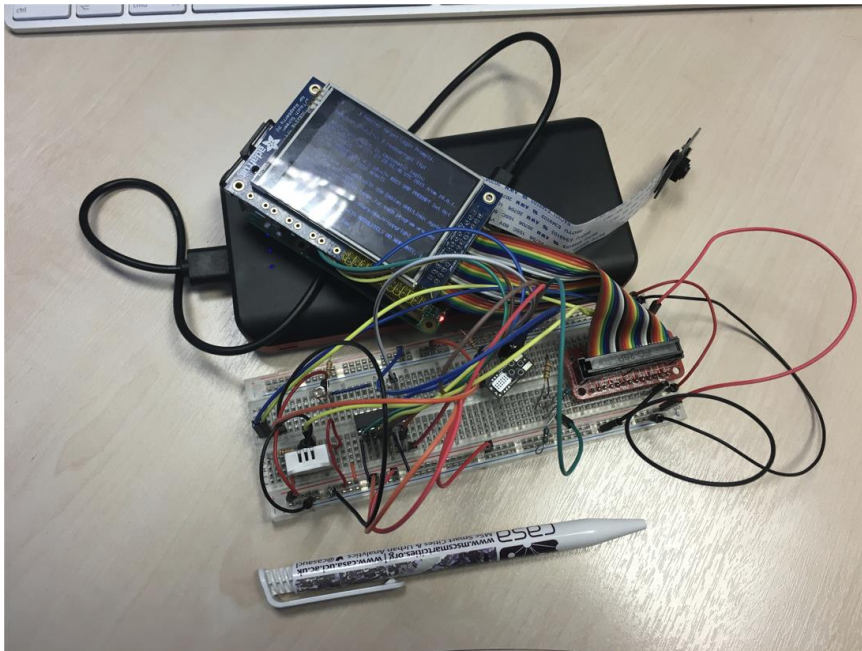
Scenario Testing

Land-Use and Agent-based Modelling



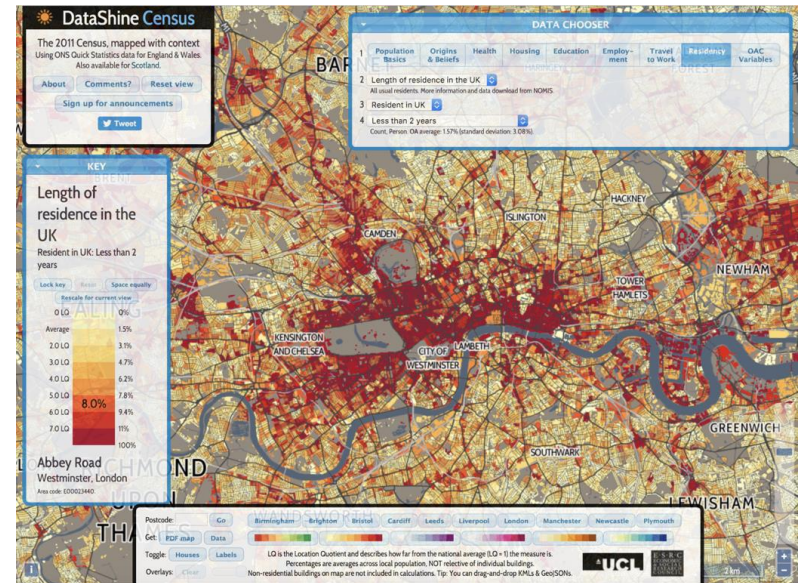
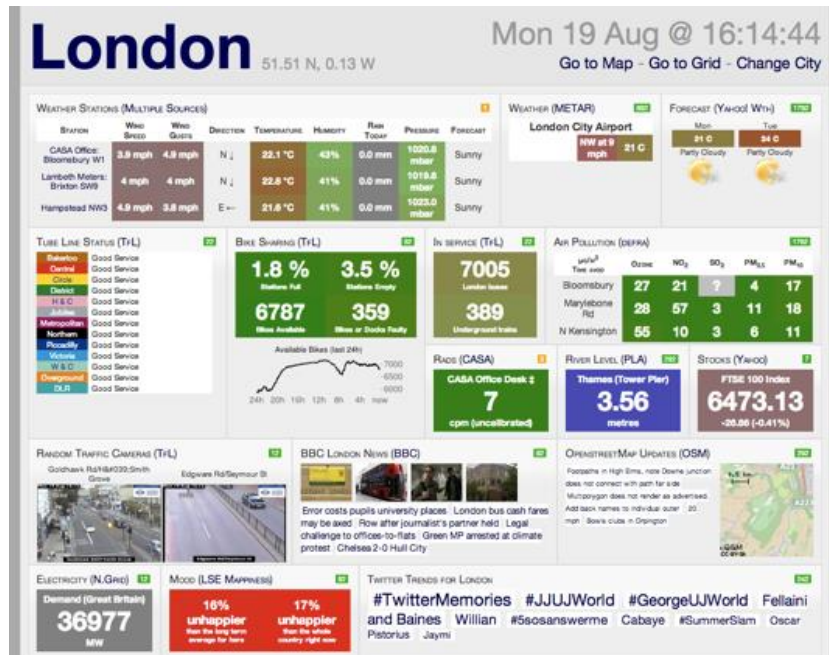
Internet of Things

Urban Sensing



Visualisation

Dashboards



Driven by Open Data!

Education

Masters Courses

MSc Smart Cities and Urban Analytics

The MSc in Smart Cities and Urban Analytics looks to take advantage of data and technological innovations to tackle some of the fundamental problems facing the urbanised world.



The programme is unique in its focus on the core research challenges that relate to the infrastructure of smart cities.

60-70 Students

MSc Spatial Data Science and Visualisation

The MSc in Spatial Data Science and Visualisation is both a taught degree and a pathway to a PhD or career in data science, GIS or visualisation.

The MSc is a new taught degree, training students in cutting edge theory and techniques around data science, visualisation, GIS and virtual environments and can lead to PhD study or a career in spatial data science, GIS or visualisation. We develop research in emerging computer technologies in geography, space, location and the built environment.

Our interdisciplinary research centre draws expertise from archaeology, architecture, cartography, computer science, environmental science, geography, geomatic engineering, neuroscience, planning, remote sensing and transport studies.

CASA often has associated students in other departments. This structure generates a unique blend of knowledge, which forms the core of the MSc.

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- located within the UK's largest multidisciplinary faculty of the built environment, in one of the world's top universities

10-20 Students