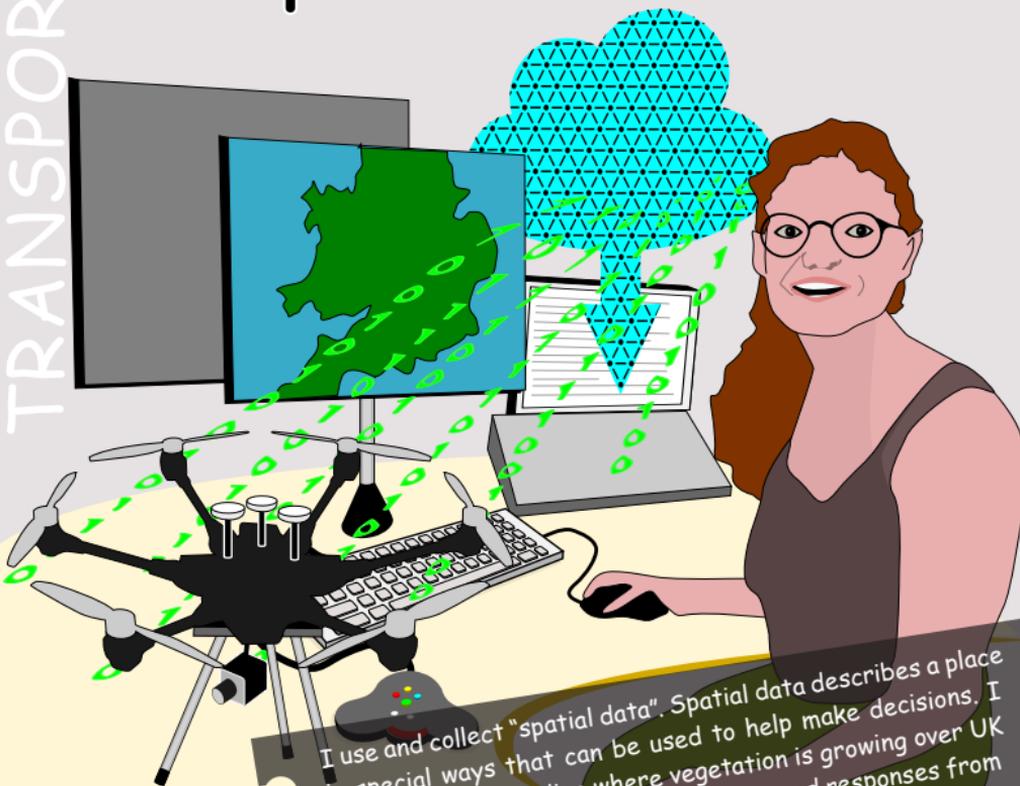


# Geospatial Data Scientist

TRANSPORT



I use and collect "spatial data". Spatial data describes a place in special ways that can be used to help make decisions. I have worked on finding where vegetation is growing over UK rail lines in a 3D app, run a survey that used responses from 10,000 mobile phones in Kenya, tracked the health of tea plants in India by satellite... all whilst sitting in my UK office! I work in a team with 80 other geospatial specialists.

## job details

Creativity.....	62
Communication.....	80
Collaboration.....	90
Digital knowledge.....	72
Hands-on practical skills... 19	
Reading and writing.....	78
Sustainability knowledge.. 57	
Using numbers.....	82

## your family



Civil Engineering Consultant



Traffic Engineer



Environmental Engineer

What 'spatial data' would you collect?

# Civil Engineering Consultant

TRANSPORT



I design the world around you, from roads to railways and bridges to buildings. After designing things on computers, we get to visit them while site engineers build them. Places you see and use everyday have had the input of a civil engineer. I focus on making a good-looking built environment that is safe, clean, functional and sustainable for you to live in.

## job details

Creativity.....	62
Communication.....	80
Collaboration.....	78
Digital knowledge.....	68
Hands-on practical skills... 60	
Reading and writing.....	75
Sustainability knowledge..	55
Using numbers.....	62

## your family



Geospatial Data Scientist



Traffic Engineer



Environmental Engineer

How would a VR headset save money when making a building?

GREEN  
ROUTEWAYS

## Traffic Engineer



I plan and design how people and goods will move around in the future. Smart mobility solutions can change how we think about a place. This can encourage people to make sustainable choices like bus, bike, scooter or walking which in turn reduce air pollution, fight climate change and improve public health.

## job details

Creativity.....	57
Communication.....	70
Collaboration.....	49
Digital knowledge.....	88
Hands-on practical skills...	33
Reading and writing.....	81
Sustainability knowledge..	72
Using numbers.....	90

## your family

Geospatial Data  
ScientistCivil Engineering  
ConsultantEnvironmental  
Engineer

What would encourage people to buy an electric vehicle?

# Environmental Engineer

TRANSPORT



Railways can be dangerous working environments. My team ensure that any engineering works on our railway products/ services are done safely. I am also responsible for ensuring we make minimal impact on the environment, whether that is protecting the local wildlife in our construction sites or lowering our carbon emissions to help slow down climate change.

## job details

Creativity.....	46
Communication.....	91
Collaboration.....	76
Digital knowledge.....	34
Hands-on practical skills... 60	
Reading and writing.....	77
Sustainability knowledge..	93
Using numbers.....	63

## your family



Geospatial Data Scientist



Civil Engineering Consultant



Traffic Engineer

Who would use an eco bridge over a railway?