



<b>Company / Organisation Name:</b>	HERE Technologies
<b>Team / Department:</b>	Content Delivery, Database Engineering & Spatial Analytics
<b>Address:</b>	Eindhoven, Netherlands

**Provisional title for project:**

Evaluating the accessibility and equity of vaccination centre locations

**Short description of the problem that would be addressed by the project:**

The project brings together spatial data analyses and the COVID-19 pandemic. The goal of the project is to investigate the current situation of accessibility and equity of vaccination centre locations in UK. How are they distributed? Do all people have the same access to them? How could the geospatial distribution of vaccinations network centre locations be improved?

This is a generic problem; therefore, the student will decide which Area of Interest they would like to focus on.

**Short description of the data sources that would be used in the project, and how they would be used**

- demographic data
- HERE routing/isochrone API available in <https://developer.here.com/>

**Would any work by the student need to be carried out on site at the Company with the exception of supervisory meetings?**

No

**Any issues of data confidentiality and IPR that would need to be resolved**

No, this project will use open data.

**Essential skills**

- Data processing/combining multiple source data and extracting meaningful information
- Ability to connect data using Web API or REST API
- Spatial data visualisation

**Desirable skills**

- Positive attitude to tackling new challenges

**Preferred degree programmes (if any)**

- A programme with Geographic Data Science, Data Science, GIS

**Preferred selection method**

Online interview

**Support and training offered by the company**

Online meetings every two weeks

**Financial assistance offered by the company**

The organisation will pay the honorarium (£500)

**Any other comments**

By the end of the project student will have an opportunity to share the results of the research with the HERE audience.

For details on how to apply, please visit:

[www.cdrc.ac.uk/education-and-training/masters-dissertation-scheme](http://www.cdrc.ac.uk/education-and-training/masters-dissertation-scheme)