DSC-88 Economic impact of the UK fishing industry on local areas

2018-10-12

Fishing activities are a key economic driver in many rural and coastal communities. This project involves bringing together public data with data from the Office for National Statistics’ Inter-departmental Business Register (IDBR) to assess the UK fishing industry.

## Team members

* Steven Hopkins

## The need

* Many economic datasets are at a regional level and dont offer granularity that enables analysis of small rural or coastal areas.

## Impact

* The project published rank and grade data at Lower-layer Super Output Area (LSOA) granularity to allows some insight into the industry at a high resolution.
* A visualisation app was developed that brought together data from Company’s House, The Marine Management Organisation and ONS for further analysis.

## Data science

* Visualisation
* R shiny web app development

## Stakeholders

* DEFRA
* Scottish Government
* Welsh Government

## Code and outputs

* Web app code and datasets can be found [here](https://github.com/datasciencecampus/kamino)
* A blog about the project can be found [here](https://datasciencecampus.ons.gov.uk/big-fish-little-fish-understanding-local-economies-using-interactive-visualisations/)

## Further information

Please contact [datasciencecampus@ons.gov.uk](mailto:datasciencecampus.ons.gov.uk) for more information.

## Updates

**2019-11-27T09:41:09Z**

[Steven Hopkins](https://datasciencecampus.ons.gov.uk/author/steven-hopkins/) wrote a [blog](https://datasciencecampus.ons.gov.uk/big-fish-little-fish-understanding-local-economies-using-interactive-visualisations/) detailing the process and outcome of this project in December 2017.