**Project diary** [Copy and paste the box for each week. No more than one A4-page per week.]

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| **Week** | 1 (Week begin 30/03/2020) |
| **Communication** | * Fiona made original contact with the group (28/03/2020) * All but two in the group responded by 01/04/2020 * Amit suggested we set a time and date to discuss and divide the work and Fiona suggested we do this by the 01/04/2020. * Fergal and Fiona discussed their ideas and progress via Microsoft teams (04/04/2020). Vishal and Amit contacted the group later, with Vishal proposing work to be done in Tableau. |
| **Any analysis or other difficulties that arose and how they were overcome** | * Finding contact details of members of the group * Fergal had issues parsing unicode into R when loading as dplyr tibble, solution was to load into R as dataframe first and then parse. * Fiona had issues reading in the data due to euro symbols. Solution was to read in without header=TRUE, add new column headings to correspond with Fergal’s and removing the now defunct row 1 (the original headers). |
| **Progress made** | * Fergal set up two github repos and a project WhatsApp group. * Fergal pushed initial .csv data to repos, added basic parsing for Price column to convert to numeric and began investigating Chloropleth Maps for representing data. * Fiona starting looking into the individual towns in more detail. She decided on 16 towns across Ireland and extracted the data for these and made a preliminary start on visualisation of the data. |
| **Member contributions to progress** | * Chloropleth Map code - Fergal * Town code - Fiona |

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| **Week** | 2 (Week begin 06/04/2020) |
| **Communication** | * Discussed with team members using Tableau as well for visualisation. * Item 2 * Etc |
| **Any analysis or other difficulties that arose and how they were overcome** | * Rgeo package required rebooting rstudio in order to work. * Item 2 * Etc |
| **Progress made** | * Fergal sourced .shp file to use for chloropleth map, loaded .shp file into r and plotted basic map of Ireland (without analysis) * Item 2 * Etc |
| **Member contributions to progress** | * Item 1 * Item 2 * Etc |

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| **Week** | 3 |
| **Communication** | * Item 1 * Item 2 * Etc |
| **Any analysis or other difficulties that arose and how they were overcome** | * Item 1 * Item 2 * Etc |
| **Progress made** | * Item 1 * Item 2 * Etc |
| **Member contributions to progress** | * Item 1 * Item 2 * Etc |

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| **Week** | 4 |
| **Communication** | * Item 1 * Item 2 * Etc |
| **Any analysis or other difficulties that arose and how they were overcome** | * Item 1 * Item 2 * Etc |
| **Progress made** | * Item 1 * Item 2 * Etc |
| **Member contributions to progress** | * Item 1 * Item 2 * Etc |

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| **Week** | 5 |
| **Communication** | * Item 1 * Item 2 * Etc |
| **Any analysis or other difficulties that arose and how they were overcome** | * Item 1 * Item 2 * Etc |
| **Progress made** | * Item 1 * Item 2 * Etc |
| **Member contributions to progress** | * Item 1 * Item 2 * Etc |