[](https://www.bing.com/images/search?view=detailV2&ccid=KgVw05Ob&id=AA6B91671A493785601EB35EA55FFA5EB7BFCD94&thid=OIP.KgVw05ObB7sY2u53QXCuVAHaF7&mediaurl=https://irishtechnews.ie/wp-content/uploads/2017/08/HIQA_Logo_JPG.jpg&exph=1417&expw=1772&q=hiqa&simid=608053763200452633&ck=D3DA1B06A8E0845C1EE770235982F32E&selectedIndex=0&FORM=IRPRST)

While the use of the Database of Statutory Notifications from Social Care in Ireland is open to all we ask that you inform us of any intended analyses, particularly those that will result in publications, in order for us to limit duplication of effort and evaluate the utility of the database to others. We will make no attempt to impede any analyses, however, we will notify people of the titles and lead investigator name of any similar planned analyses.

By completing this form you consent to the sharing of the title of the project with others, where they are planning similar analyses. Completed forms should be sent to [lens@hiqa.ie](mailto:lens@hiqa.ie)

**Lead investigator information** (person with overall responsibility for the intended analyses. This person will be notified of any similar planned analyses)

|  |  |
| --- | --- |
| Title | Ms |
| First Name | Isabel |
| Surname | Ronan |
| Organisation | University College Cork |
| Email address | 118441194@umail.ucc.ie |

**Project information**

|  |  |
| --- | --- |
| Project Title | Machine Learning for Timely Palliative Care Interventions |
| Description of the project (100 words max) | We are investigating the use of Artificial Intelligence in nursing home settings. The project will involve using large amounts of data to train models to extract palliative insights for patients in nursing homes. The LENS data would be used as part of a preliminary scoping analysis of nursing homes in Ireland. We would like to see if there are correlations across homes which may be extracted from free-text notes and collected variables.  We would like all of the data collected across nursing homes in Ireland in order to train machine learning (ML) models. As ML requires a large amount of data, the more data we have, the better. |
| Description of intended analyses of the database (100 words max) | |  | | --- | | First, we will clean the data to prepare it for the machine learning process. We will perform exploratory data analysis to search for features worth investigating further. Correlations and patterns may be found. Features will be chosen for machine learning models and subsequent training will provide new insights into the data. | |

Do you wish to be added to the mailing list to receive updates of data uploads and publications of works relating to the database? Yes

If yes, please provide your email address.

118441194@umail.ucc.ie

*Any response you provide here is collected under the legal basis of your consent. The information provided is reviewed as part of HIQA's ongoing analyses of the database in order to prevent duplication of effort and evaluate the utility of the database externally. Project descriptions will be stored for three years in line with HIQA’s data retention protocols. If you indicate that you would like to be added to the mailing list, your name and email address will be stored separately and maintained for the duration of the LENS project, end date March 2023.*