B8IT107 Data Visualization and Communication - CA2 Project Proposal

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**Project Title:** Understand Live register data for past 16 years in Ireland

**Data Sources:**

**CSO Live Register/Crime Data.**

<http://www.cso.ie/px/pxeirestat/Statire/SelectVarVal/Define.asp?maintable=LRM07&PLanguage=0>

**Eurostat Population Data**

<http://ec.europa.eu/eurostat/tgm/table.do?tab=table&init=1&language=en&pcode=tps00001&plugin=1>

**Eurostat Immigration Data**

<http://ec.europa.eu/eurostat/tgm/table.do?tab=table&init=1&language=en&pcode=tps00176&plugin=1>

**Data Treatment:**

1. Will need to grab population data since the Live Register data is a count not a percentage.
2. Will need to work at a county level.
3. Fix the county data back to 26 counties.

**Core Objectives:**

* Define what live register means.
* Live Register changes by age/by sex /by Time/by location.
* Is there a rural vs urban effect on live register?
* Net migration overlay with live register data.
* Other items of interest will be defined during data exploration stage.