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A Roof Over Our Heads: Homeownership Challenges in Ireland

CA 2 – Capstone Report

Link GitHub: <https://github.com/CCT-Dublin/ca1-capstone-project-proposal-C2022188.git>

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| *Student Full Name* | Caroline Alves Ferreira |
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# Introduction

The housing crisis is one of the most talked-about problems in Ireland today. Property prices continue to rise, affecting both rent and the dream of owning a home. Families paying rent, especially in Dublin, one of the most expensive cities in Ireland, find it very difficult to save enough money to buy their own homes. For single people, the challenge is even greater, as reaching the income level needed for mortgage approval can feel impossible without additional support.

This project will explore the main barriers to affordable housing by analysing rent costs across regions and comparing them with income levels. It will also look at house prices in different areas, highlighting how they have consistently increased year after year. To structure the work, the report will follow the CRISP-DM framework, covering Social Understanding, Data Understanding, Data Preparation, Modelling, Evaluation, and Deployment.