

# Navigating The Canadian Housing Crisis

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# What exactly is the Canadian Housing Crisis?

## Can Canada solve its housing crisis without making climate change worse?



Redeveloping existing housing stock, suburban solutions could help limit climate impacts, expert says

[Lucas Powers](#) · CBC News · Posted: Sep 09, 2021 12:38 PM ET | Last Updated: September 9

MONEY

## Millennials vs. baby boomers: Why the cost of living has skyrocketed for young Canadians



By [Katie Dangerfield](#) · Global News

Posted June 26, 2021 5:00 am · Updated June 26, 2021 12:32 pm




BUSINESS | News

### Canadian housing market moves from moderate to high degree of vulnerability: CMHC

Published Sept. 28, 2021 11:11 a.m. ET

Updated Sept. 28, 2021 12:01 p.m. ET

By The Canadian Press  
Staff

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# Why does it matter?



# Where do we start?

## Questions:

- What are the time series trends in housing prices depending on region?
- Where housing is the most affordable and convenient?

Type of Home

Regions of Interest

Budget

Proximity to Transit

...



# How might we do this?

1. Understand which search criteria are most important to Canadians
2. Find datasets that support this search criteria
3. Design & develop a tool that supports house purchase planning

## Datasets of Interest

1. New Housing Price Index
2. StatsCan: Number of residential properties sold and sale prices by property type and period of construction
3. *MLS Home Price Index*

# Jumping the gun

Neighbourhood . . . . Point

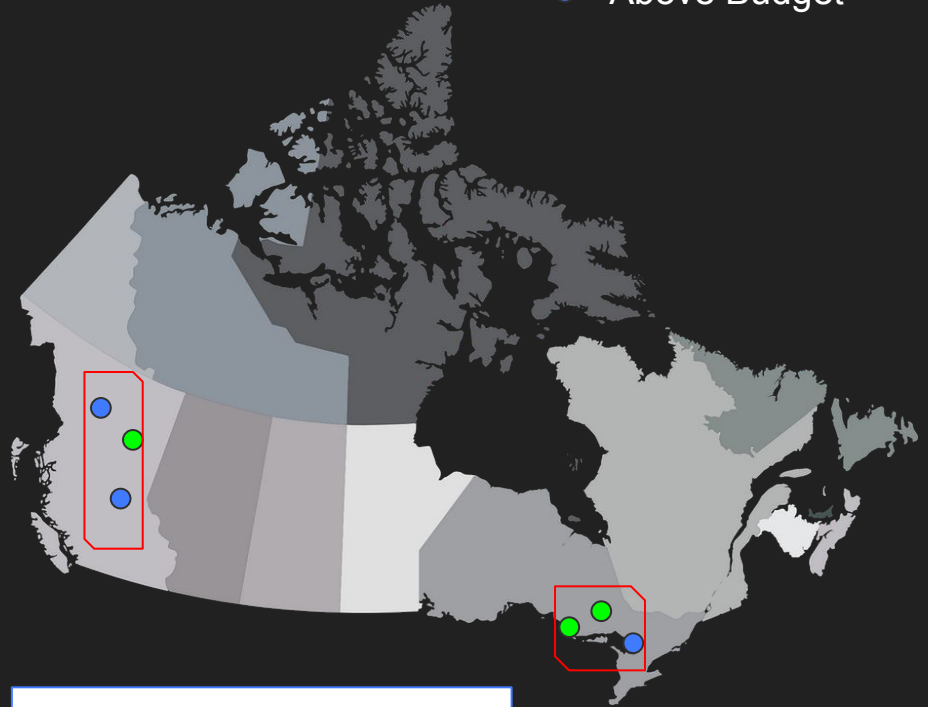
Type of Home . . . . Categorical

Budget . . . . Quantitative,  
Colour

Regions of Interest . . . . Containment,  
Interlocking area

Month, Year . . . . Ordinal

- Within budget
- Above Budget



Budget: \$1,000,000 CAD |

Home Type: Single Home

# Overview

## Problem Space

Navigating the Canadian housing crisis

## Team

Seeking teammates interested in doing a programming project

## Feedback

Any feedback is appreciated!

# References & Attribution

[1] Slide 2

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[2] Slide 3

<https://storyset.com/illustration/houses/cuate#default&hide=&hide=false>

<https://www.ctvnews.ca/politics/federal-election-2021/federal-election-2021-platform-guide-where-do-the-parties-stand-1.5560982>

[3] Slide 4

<https://storyset.com/illustration/select-house/amico>

[4] Slide 5: Housing Datasets

<https://www.statcan.gc.ca/eng/subjects-start/housing>

<https://open.canada.ca/data/en/dataset/324befd1-893b-42e6-bece-6d30af3dd9f1>

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