

Is it a good investment to install a fireplace in Ames, Iowa?

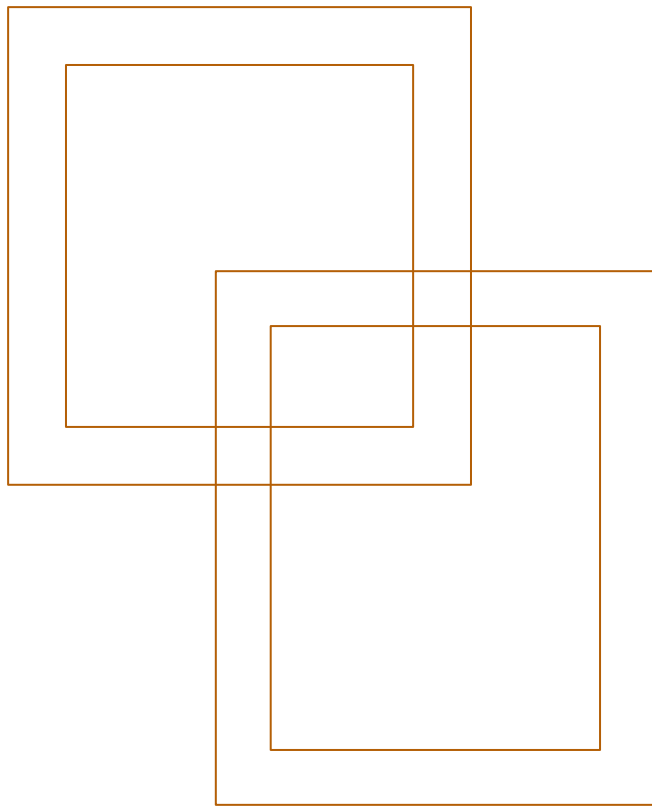
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Overview

- Why build a Fireplace
- How to look at Data
- Data Results
- Recommendation

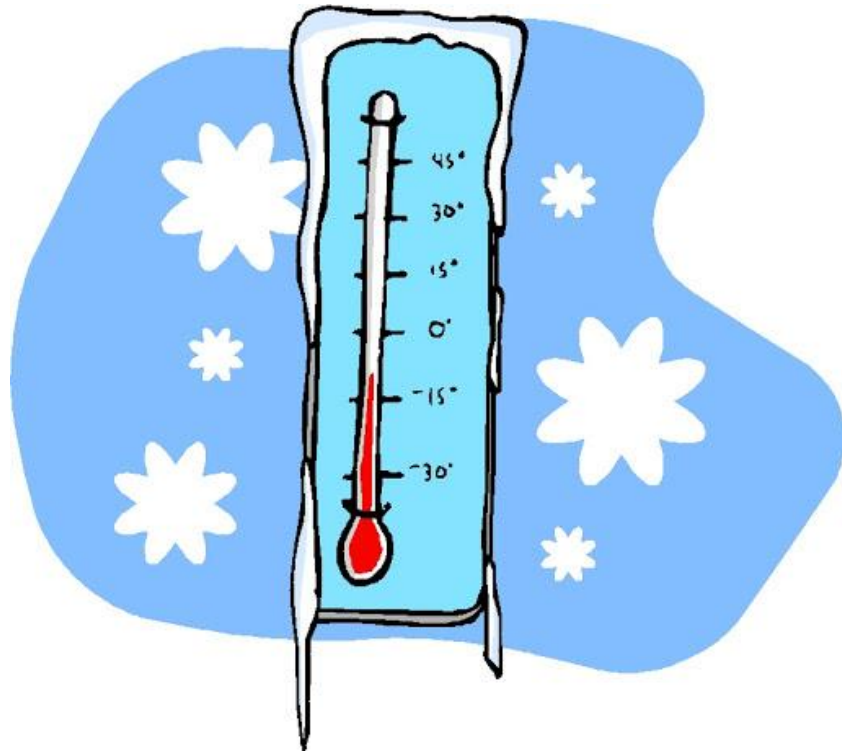


Winters are Cold

Winter average high temp 32°F

Over 30 inches of snow,

More than the US average





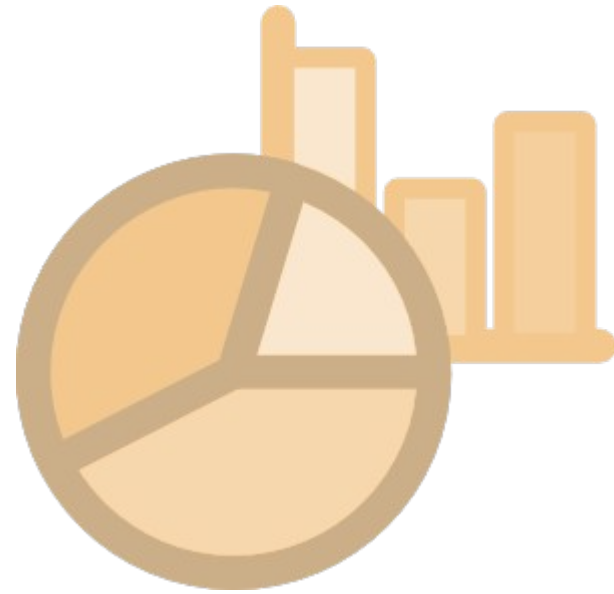
Data Source

Data collected by
Ames Assessor's Office

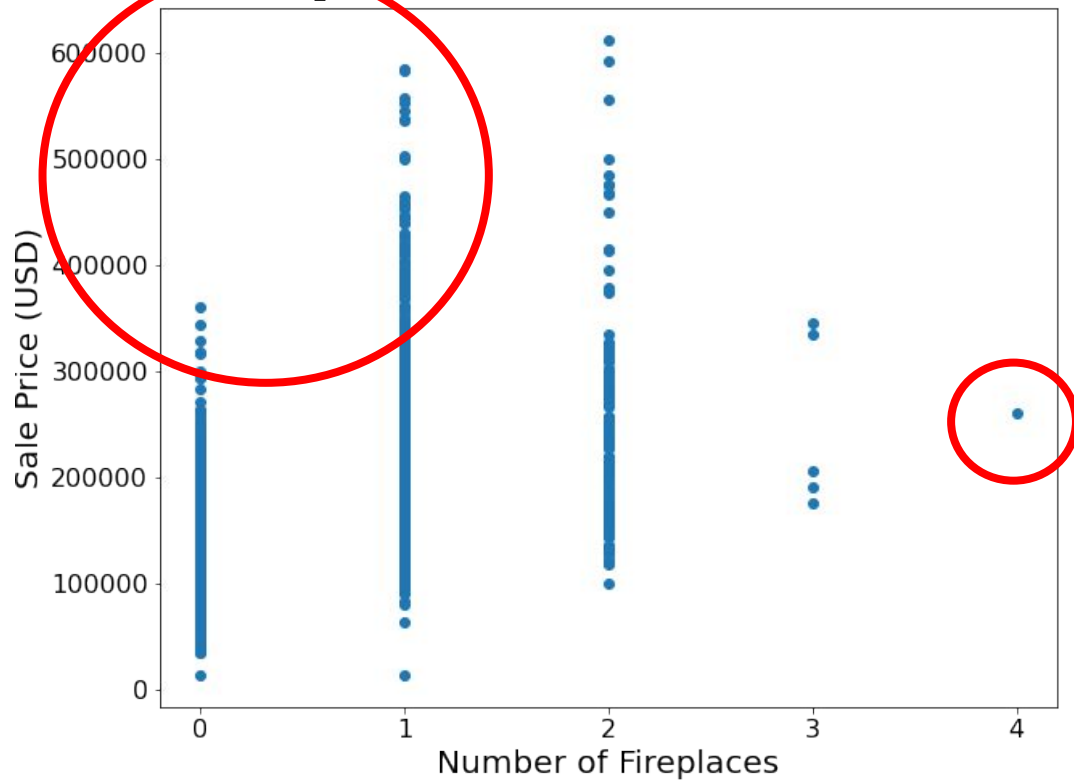
Sale Price, # Bedrooms, Garage size, Zoning
and much more

Years: 2006 - 2010

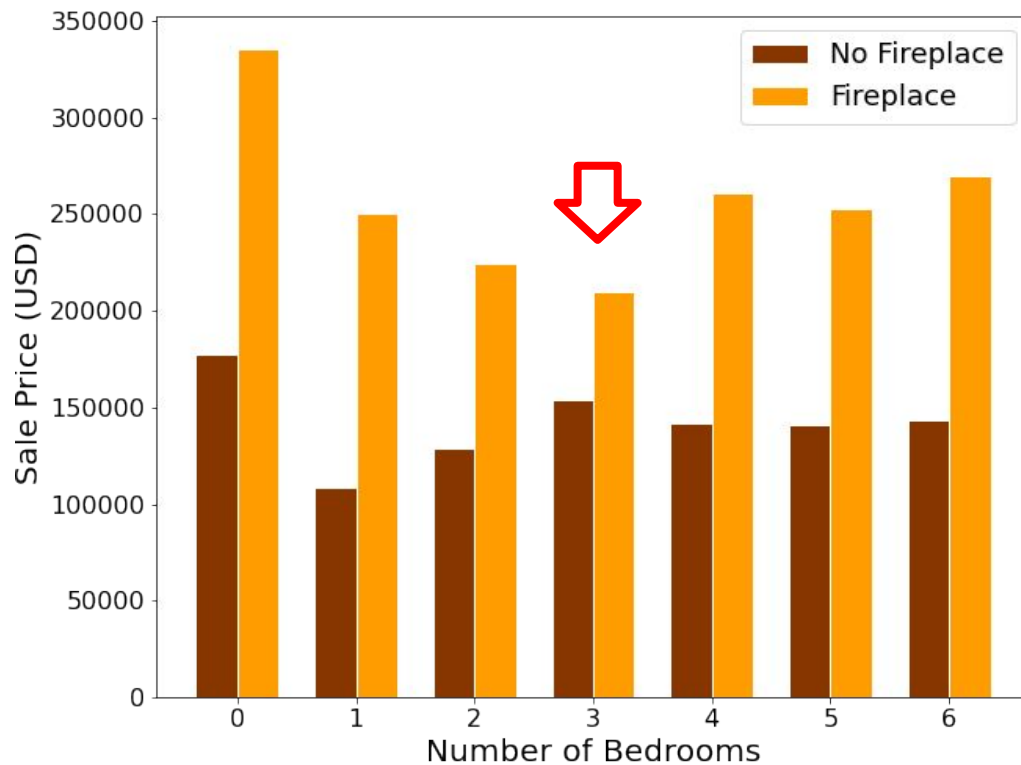
https://git.generalassemb.ly/DSIR-1019/project_2



Fireplaces vs Sale Price



Bedrooms vs Sale Price





Predictive Model

Features:

Sq Footage
Bedrooms
Bathrooms
Garage Size
Age
Kitchen Quality
Fireplaces
Many More

Model Predicts **Fireplace**
increase **Sale Price** by:

\$10,296



How Much do Fireplaces Cost?

Gas: \$2,300 - \$4,000

Woodburning: \$1,900 - \$3,300

Masonry: \$3,500 - \$5,600

<https://homeguide.com/costs/fireplace-installation-cost>





A Fireplace is a great investment.

Questions?

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