

# HousePrices.csv

## Data Dictionary

### Description

81 variables describing a wide range of characteristics of 1,460 properties in Ames, Iowa sold between 2006 and 2010.

### Variable Definitions

- **Id:** Property Identifier
- **MSSubClass:** Identifies the type of dwelling involved in the sale.

```
20 1-STORY 1946 & NEWER ALL STYLES
30 1-STORY 1945 & OLDER
40 1-STORY W/FINISHED ATTIC ALL AGES
45 1-1/2 STORY - UNFINISHED ALL AGES
50 1-1/2 STORY FINISHED ALL AGES
60 2-STORY 1946 & NEWER
70 2-STORY 1945 & OLDER
75 2-1/2 STORY ALL AGES
80 SPLIT OR MULTI-LEVEL
85 SPLIT FOYER
90 DUPLEX - ALL STYLES AND AGES
120 1-STORY PUD (Planned Unit Development) - 1946 & NEWER
160 2-STORY PUD - 1946 & NEWER
180 PUD - MULTILEVEL - INCL SPLIT LEV/FOYER
190 2 FAMILY CONVERSION - ALL STYLES AND AGES
```

- **MSZoning:** Identifies the general zoning classification of the sale.

```
C    Commercial
FV   Floating Village Residential
RH   Residential High Density
RL   Residential Low Density
RM   Residential Medium Density
```

- **LotFrontage:** Linear feet of street connected to property
- **LotArea:** Lot size in square feet
- **Street:** Type of road access to property

Grv1 Gravel  
Pave Paved

- **Alley:** Type of alley access to property

Grv1 Gravel  
Pave Paved  
NA No alley access

- **LotShape:** General shape of property

Reg Regular  
IR1 Slightly irregular  
IR2 Moderately Irregular  
IR3 Irregular

- **LandContour:** Flatness of the property

Lv1 Near Flat/Level  
Bnk Banked - Quick and significant rise from street grade to building  
HLS Hillside - Significant slope from side to side  
Low Depression

- **Utilities:** Type of utilities available

AllPub All public Utilities (E,G,W,& S)  
NoSeWa Electricity and Gas Only

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- **LotConfig:** Lot configuration

Inside	Inside lot
Corner	Corner lot
CulDSac	Cul-de-sac
FR2	Frontage on 2 sides of property
FR3	Frontage on 3 sides of property

- **LandSlope:** Slope of property

Gtl	Gentle slope
Mod	Moderate Slope
Sev	Severe Slope

- **Neighborhood:** Physical locations within Ames city limits

Blmngtn	Bloomington Heights
Blueste	Bluestem
BrDale	Briardale
BrkSide	Brookside
ClearCr	Clear Creek
CollgCr	College Creek
Crawfor	Crawford
Edwards	Edwards
Gilbert	Gilbert
IDOTRR	Iowa DOT and Rail Road
MeadowV	Meadow Village
Mitchel	Mitchell
NAmes	North Ames
NPkVill	Northpark Villa
NWAmes	Northwest Ames
NoRidge	Northridge
NridgHt	Northridge Heights
OldTown	Old Town
SWISU	South & West of Iowa State University
Sawyer	Sawyer

SawyerW	Sawyer West
Somerst	Somerset
StoneBr	Stone Brook
Timber	Timberland
Veenker	Veenker

- **Condition1:** Proximity to various conditions

Artery	Adjacent to arterial street
Feedr	Adjacent to feeder street
Norm	Normal
PosA	Adjacent to postive off-site feature
PosN	Near positive off-site feature--park, greenbelt, etc.
RRNn	Within 200' of North-South Railroad
RRAn	Adjacent to North-South Railroad
RRNe	Within 200' of East-West Railroad
RRAe	Adjacent to East-West Railroad

- **Condition2:** Proximity to various conditions (if more than one is present)

Artery	Adjacent to arterial street
Feedr	Adjacent to feeder street
Norm	Normal
PosA	Adjacent to postive off-site feature
PosN	Near positive off-site feature--park, greenbelt, etc.
RRNn	Within 200' of North-South Railroad
RRAn	Adjacent to North-South Railroad
RRAe	Adjacent to East-West Railroad

- **BldgType:** Type of dwelling

1Fam	Single-family Detached
2fmCon	Two-family Conversion; originally one family dwelling
Duplex	Duplex
TwnhsE	Townhouse End Unit
Twnhs	Townhouse Inside Unit

- **HouseStyle:** Style of dwelling

1Story	One story
1.5Fin	One and one-half story: 2nd level finished
1.5Unf	One and one-half story: 2nd level unfinished
2Story	Two story
2.5Fin	Two and one-half story: 2nd level finished
2.5Unf	Two and one-half story: 2nd level unfinished
SFoyer	Split Foyer
SLvl	Split Level

- **OverallQual:** Rates the overall material and finish of the house

10	Very Excellent
9	Excellent
8	Very Good
7	Good
6	Above Average
5	Average
4	Below Average
3	Fair
2	Poor
1	Very Poor

- **OverallCond:** Rates the overall condition of the house

10	Very Excellent
9	Excellent
8	Very Good
7	Good
6	Above Average
5	Average
4	Below Average
3	Fair
2	Poor
1	Very Poor

- **YearBuilt:** Original construction date
- **YearRemodAdd:** Remodel date (same as construction date if no remodeling or additions)
- **RoofStyle:** Type of roof

Flat	Flat
Gable	Gable
Gambrel	Gabrel (Barn)
Hip	Hip
Mansard	Mansard
Shed	Shed

- **RoofMatl:** Roof material

ClyTile	Clay or Tile
CompShg	Standard (Composite) Shingle
Membran	Membrane
Metal	Metal
Roll	Roll
Tar&Grv	Gravel & Tar
WdShake	Wood Shakes
WdShngl	Wood Shingles

- **Exterior1st:** Exterior covering on house

AsbShng	Asbestos Shingles
AsphShn	Asphalt Shingles
BrkComm	Brick Common
BrkFace	Brick Face
CBlock	Cinder Block
CemntBd	Cement Board
HdBoard	Hard Board
ImStucc	Imitation Stucco
MetalSd	Metal Siding
Plywood	Plywood
PreCast	PreCast
Stone	Stone

Stucco	Stucco
VinylSd	Vinyl Siding
Wd Sdng	Wood Siding
WdShing	Wood Shingles

- **Exterior2nd:** Exterior covering on house (if more than one material)

AsbShng	Asbestos Shingles
AsphShn	Asphalt Shingles
Brk Cmm	Brick Common
BrkFace	Brick Face
CBlock	Cinder Block
CemntBd	Cement Board
HdBoard	Hard Board
ImStucc	Imitation Stucco
MetalSd	Metal Siding
Other	Other
Plywood	Plywood
Stone	Stone
Stucco	Stucco
VinylSd	Vinyl Siding
Wd Sdng	Wood Siding
Wd Shing	Wood Shingles

- **MasVnrType:** Masonry veneer type

BrkCmn	Brick Common
BrkFace	Brick Face
None	None
Stone	Stone

- **MasVnrArea:** Masonry veneer area in square feet
- **ExterQual:** Evaluates the quality of the material on the exterior

Ex	Excellent
Gd	Good

TA	Average/Typical
Po	Poor
Fa	Fair

- **ExterCond:** Evaluates the present condition of the material on the exterior

Ex	Excellent
Gd	Good
TA	Average/Typical
Fa	Fair
Po	Poor

- **Foundation:** Type of foundation

BrkTil	Brick & Tile
CBlock	Cinder Block
PConc	Poured Concrete
Slab	Slab
Stone	Stone
Wood	Wood

- **BsmtQual:** Evaluates the height of the basement

Ex	Excellent (100+ inches)
Gd	Good (90-99 inches)
TA	Typical (80-89 inches)
Fa	Fair (70-79 inches)
Po	Poor (<70 inches)
NA	No Basement

- **BsmtCond:** Evaluates the general condition of the basement

Ex	Excellent
Gd	Good



TA	Typical - slight dampness allowed
Fa	Fair - dampness or some cracking or settling
Po	Poor - Severe cracking, settling, or wetness
NA	No Basement

- **BsmtExposure:** Refers to walkout or garden level walls

Gd	Good Exposure
Av	Average Exposure (split levels or foyers typically score average or above)
Mn	Minimum Exposure
No	No Exposure
NA	No Basement

- **BsmtFinType1:** Rating of basement finished area

GLQ	Good Living Quarters
ALQ	Average Living Quarters
BLQ	Below Average Living Quarters
Rec	Average Rec Room
LwQ	Low Quality
Unf	Unfinished
NA	No Basement

- **BsmtFinSF1:** Type 1 finished square feet
- **BsmtFinType2:** Rating of basement finished area (if multiple types)

GLQ	Good Living Quarters
ALQ	Average Living Quarters
BLQ	Below Average Living Quarters
Rec	Average Rec Room
LwQ	Low Quality
Unf	Unfinished
NA	No Basement

- **BsmtFinSF2:** Type 2 finished square feet
- **BsmtUnfSF:** Unfinished square feet of basement area
- **TotalBsmtSF:** Total square feet of basement area
- **Heating:** Type of heating

Floor      Floor Furnace  
 GasA Gas forced warm air furnace  
 GasW Gas hot water or steam heat  
 Grav Gravity furnace  
 OthW Hot water or steam heat other than gas  
 Wall Wall furnace

- **HeatingQC:** Heating quality and condition

Ex      Excellent  
 Gd      Good  
 TA      Average/Typical  
 Fa      Fair  
 Po      Poor

- **CentralAir:** Central air conditioning

N      No  
 Y      Yes

- **Electrical:** Electrical system

SBrkr      Standard Circuit Breakers & Romex  
 FuseA      Fuse Box over 60 AMP and all Romex wiring (Average)  
 FuseF      60 AMP Fuse Box and mostly Romex wiring (Fair)  
 FuseP      60 AMP Fuse Box and mostly knob & tube wiring (poor)  
 Mix      Mixed

- **1stFlrSF:** First Floor square feet

- **2ndFlrSF**: Second floor square feet
- **LowQualFinSF**: Low quality finished square feet (all floors)
- **GrLivArea**: Above grade (ground) living area square feet
- **BsmtFullBath**: Basement full bathrooms
- **BsmtHalfBath**: Basement half bathrooms
- **FullBath**: Full bathrooms above grade
- **HalfBath**: Half baths above grade
- **BedroomAbvGr**: Bedrooms above grade (does NOT include basement bedrooms)
- **KitchenAbvGr**: Kitchens above grade
- **KitchenQual**: Kitchen quality

Ex	Excellent
Gd	Good
TA	Typical/Average
Fa	Fair
Po	Poor
NA	No Garage

- **TotRmsAbvGrd**: Total rooms above grade (does not include bathrooms)
- **Functional**: Home functionality (Assume typical unless deductions are warranted)

Typ	Typical Functionality
Min1	Minor Deductions 1
Min2	Minor Deductions 2
Mod	Moderate Deductions
Maj1	Major Deductions 1
Maj2	Major Deductions 2
Sev	Severely Damaged

- **Fireplaces**: Number of fireplaces
- **FireplaceQu**: Fireplace quality

Ex	Excellent - Exceptional Masonry Fireplace
Gd	Good - Masonry Fireplace in main level

TA	Average - Prefabricated Fireplace in main living area or Masonry Fireplace in basement
Fa	Fair - Prefabricated Fireplace in basement
Po	Poor - Ben Franklin Stove
NA	No Fireplace

- **GarageType:** Garage location

2Types	More than one type of garage
Attchd	Attached to home
Basement	Basement Garage
BuiltIn	Built-In (Garage part of house - typically has room above garage)
CarPort	Car Port
Detchd	Detached from home
NA	No Garage

- **GarageYrBlt:** Year garage was built
- **GarageFinish:** Interior finish of the garage  
Fin Finished RFn Rough Finished  
Unf Unfinished NA No Garage
- **GarageCars:** Size of garage in car capacity
- **GarageArea:** Size of garage in square feet
- **GarageQual:** Garage quality

Ex	Excellent
Gd	Good
TA	Typical/Average
Fa	Fair
Po	Poor
NA	No Garage

- **GarageCond:** Garage condition

Ex	Excellent
Gd	Good

TA	Typical/Average
Fa	Fair
Po	Poor
NA	No Garage

- **PavedDrive:** Paved driveway  
Y Paved P Partial Pavement N Dirt/Gravel
- **WoodDeckSF:** Wood deck area in square feet
- **OpenPorchSF:** Open porch area in square feet
- **EnclosedPorch:** Enclosed porch area in square feet
- **3SsnPorch:** Three season porch area in square feet
- **ScreenPorch:** Screen porch area in square feet
- **PoolArea:** Pool area in square feet
- **PoolQC:** Pool quality

Ex	Excellent
Gd	Good
TA	Typical/Average
Fa	Fair
Po	Poor
NA	No Garage

- **Fence:** Fence quality

GdPriv	Good Privacy
MnPriv	Minimum Privacy
GdWo	Good Wood
MnWw	Minimum Wood/Wire
NA	No Fence

- **MiscFeature:** Miscellaneous feature not covered in other categories

Gar2	2nd Garage (if not described in garage section)
Othr	Other
Shed	Shed (over 100 SF)

TenC Tennis Court  
NA None

- **MiscVal:** \$ value of miscellaneous feature
- **MoSold:** Month Sold (MM)
- **YrSold:** Year Sold (YYYY)
- **SaleType:** Type of sale  
WD Warranty Deed - Conventional CWD Warranty Deed - Cash VWD Warranty Deed - VA Loan New Home just constructed and sold COD Court Officer Deed/Estate Con Contract 15% Down payment regular terms ConLw Contract Low Down payment and low interest ConLI Contract Low Interest ConLD Contract Low Down Oth Other
- **SaleCondition:** Condition of sale

Normal Normal Sale  
Abnorml Abnormal Sale - trade, foreclosure, short sale  
AdjLand Adjoining Land Purchase  
Alloca Allocation - two linked properties with separate deeds, typically condo with a garage unit  
Family Sale between family members  
Partial Home was not completed when last assessed (associated with New Homes)

- **SalePrice:** Final sale price