

# HOUSE PRICE

## Data Target

- SalePrice - the property's sale price in dollars. This is the target variable that you're trying to predict.

## Data Features

Here's a brief version of what you'll find in the data description file.

- MSSubClass: The building class / Identifies the type of dwelling involved in the sale. (Dwelling = vivienda)

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
150	1-1/2 STORY PUD - ALL AGES
160	2-STORY PUD - 1946 & NEWER
180	PUD - MULTILEVEL - INCL SPLIT LEV/FOYER
190	2 FAMILY CONVERSION - ALL STYLES AND AGES
- MSZoning: The general zoning classification / Identifies the general zoning classification of the sale.

A	Agriculture
C	Commercial
FV	Floating Village Residential
I	Industrial
RH	Residential High Density
RL	Residential Low Density
RP	Residential Low Density Park
RM	Residential Medium Density
- LotFrontage: Linear feet of street connected to property
- LotArea: Lot size in square feet

- Street: Type of road Access
 

Grvl	Gravel
Pave	Paved
  
- Alley: Type of alley Access
 

Grvl	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
 

Lvl	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)
NoSewr	Electricity, Gas, and Water (Septic Tank)
NoSeWa	Electricity and Gas Only
ELO	Electricity only
  
- 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  
 EdwardsEdwards  
 Gilbert Gilbert  
 IDOTRR Iowa DOT and Rail Road  
 MeadowV Meadow Village  
 Mitchel Mitchell  
 Names North Ames  
 NoRidgeNorthridge  
 NPkVill Northpark Villa  
 NrldgHt Northridge Heights  
 NWAmes Northwest Ames  
 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 main road or railroad
  - Artery Adjacent to arterial street
  - Feedr Adjacent to feeder street
  - Norm Normal
  - RRNn Within 200' of North-South Railroad
  - RRAn Adjacent to North-South Railroad
  - PosN Near positive off-site feature--park, greenbelt, etc.
  - PosA Adjacent to postive off-site feature
  - RRNe Within 200' of East-West Railroad
  - RR Ae Adjacent to East-West Railroad
- Condition2: Proximity to main road or railroad (if a second is present)
  - Artery Adjacent to arterial street
  - Feedr Adjacent to feeder street
  - Norm Normal
  - RRNn Within 200' of North-South Railroad
  - RRAn Adjacent to North-South Railroad
  - PosN Near positive off-site feature--park, greenbelt, etc.
  - PosA Adjacent to postive off-site feature
  - RRNe Within 200' of East-West Railroad
  - RR Ae Adjacent to East-West Railroad
- BldgType: Type of dwelling
  - 1Fam Single-family Detached
  - 2FmConTwo-family Conversion; originally built as one-family dwelling
  - Duplx Duplex

Twnhse Townhouse End Unit  
Twnhsl 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: Overall material and finish quality
  - 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: Overall condition rating
  - 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
  - GambrelGambrel (Barn)
  - Hip Hip

MansardMansard  
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
  - Other Other
  - 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
  - BrkComm Brick Common
  - BrkFace Brick Face
  - CBlock Cinder Block
  - CemntBd Cement Board
  - HdBoard Hard Board
  - ImStucc Imitation Stucco
  - MetalSd Metal Siding
  - Other Other
  - Plywood Plywood
  - PreCast PreCast
  - Stone Stone
  - Stucco Stucco

VinylSd	Vinyl Siding
Wd Sdng	Wood Siding
WdShing	Wood Shingles

- MasVnrType: Masonry veneer type

BrkCmn	Brick Common
BrkFace	Brick Face
CBlock	Cinder Block
None	None
Stone	Stone
- MasVnrArea: Masonry veneer area in square feet
- ExterQual: Exterior material quality

Ex	Excellent
Gd	Good
TA	Average/Typical
Fa	Fair
Po	Poor
- ExterCond: 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 Contrete
Slab	Slab
Stone	Stone
Wood	Wood
- BsmtQual: 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: 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: Walkout or garden level basement 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: Quality 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: Quality of second finished area (if present) / 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
- Bedroom: Number of bedrooms above basement level (does NOT include basement bedrooms)
- Kitchen: Number of kitchens
- KitchenQual: Kitchen quality
 

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



- TotRmsAbvGrd: Total rooms above grade (does not include bathrooms)
- Functional: Home functionality rating
 

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
Sal	Salvage only
- 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
Basment	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
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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	Average/Typical
Fa	Fair
NA	No Pool
- Fence: Fence quality
 

GdPrv	Good Privacy
MnPrv	Minimum Privacy
GdWo	Good Wood
MnWw	Minimum Wood/Wire
NA	No Fence
- MiscFeature: Miscellaneous feature not covered in other categories
 

Elev	Elevator
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
- YrSold: Year Sold
- 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)