

變數名稱	變數意義	變數型態
MSSubClass	The building class 建築物類別	類別變數
MSZoning	The general zoning classification 一般的土地使用分區劃分	類別變數
LotFrontage	Linear feet of street connected to property 街道到建物之間的距離	連續變數
LotArea	Lot size in square feet 建地面積，單位為平方英尺	連續變數
Street	Type of road access 道路類型（例如：石頭路、柏油路）	類別變數
Alley	Type of alley access 巷弄路的類型（例如：石頭路、柏油路或沒巷弄）	類別變數
LotShape	General shape of property 房子的外觀	類別變數
LandContour	Flatness of the property 建築物的平坦程度	類別變數
Utilities	Type of utilities available 房子具備的能源設施（例如：電力、天然氣等）	類別變數
LotConfig	Lot configuration	類別變數

	房子面向街道面數或是位於死巷	
LandSlope	Slope of property 建築物的傾斜程度	類別變數
Neighborhood	Physical locations within Ames city limits Ames 市內的實際位置	類別變數
Condition1	Proximity to main road or railroad 最靠近的主要公路或鐵路	類別變數
Condition2	Proximity to main road or railroad (if a second is present) 最靠近的主要公路或鐵路(如果存在第二靠近的公路或鐵路)	類別變數
BldgType	Type of dwelling 住宅的類型	類別變數
HouseStyle	Style of dwelling 住宅的風格	類別變數
OverallQual	Overall material and finish quality 整體材料和完成品質	類別變數
OverallCond	Overall condition rating 總體狀況的評價	類別變數

YearBuilt	Original construction date 原始建造日期	連續變數
YearRemodAdd	Remodel date 改造日期	連續變數
RoofStyle	Type of roof 屋頂的類型	類別變數
RoofMatl	Roof material 屋頂材料	類別變數
Exterior1st	Exterior covering on house 建物外層的建材材質	類別變數
Exterior2nd	Exterior covering on house (if more than one material) 建物第二外層建材材質 (如果建築外牆有多層結構)	類別變數
MasVnrType	Masonry veneer type 磚石飾面的類型	類別變數
MasVnrArea	Masonry veneer area in square feet 磚石飾面的面積	連續變數
ExterQual	Exterior material quality 外部材料品質	類別變數
ExterCond	Rates the overall condition of the house 房子整體狀況的完整程度	類別變數

Foundation	Type of foundation 建物的基礎建材	類別變數
BsmtQual	Height of the basement 地下室之高度	類別變數
BsmtCond	General condition of the basement 地下室的狀況	類別變數
BsmtExposure	Walkout or garden level basement walls 地下室的日照程度	類別變數
BsmtFinType1	Quality of basement finished area 地下室的完善程度	類別變數
BsmtFinSF1	Type 1 finished square feet 地下室完善程度的面積	連續變數
BsmtFinType2	Quality of second finished area (if present) 地下室的完整程度 (若有和 type1 不同功能的空間)	類別變數
BsmtFinSF2	Type 2 finished square feet 地下室完整程度的面積 (type2 的面積)	連續變數
BsmtUnfSF	Unfinished square feet of basement area 未完成的地下室面積	連續變數
TotalBsmtSF	Total square feet of basement area 地下室的總面積	連續變數

Heating	Type of heating 暖爐的加熱方式	類別變數
HeatingQC	Heating quality and condition 暖爐加熱條件	類別變數
CentralAir	Central air conditioning 是否擁有中央空調	類別變數
Electrical	Electrical system 電氣系統	類別變數
1stFlrSF	First Floor square feet 建築的一樓面積	連續變數
2ndFlrSF	Second floor square feet 建築的二樓面積	連續變數
LowQualFinSF	Low quality finished square feet (all floors) 未完成地板的面積	連續變數
GrLivArea	Above grade (ground) living area square feet 高於地面的居住面積	連續變數
BsmtFullBath	Basement full bathrooms 地下室的浴室數量	連續變數
BsmtHalfBath	Basement half bathrooms 地下室的半完成浴室數量	連續變數

FullBath	Full bathrooms above grade 建物內浴室數量	連續變數
HalfBath	Half baths above grade 建物內半完成的浴室數量	連續變數
BedroomAbvGr	Number of bedrooms above basement level 臥房數量	連續變數
KitchenAbvGr	Number of kitchens 廚房數量	連續變數
KitchenQual	Kitchen quality 廚房的完善程度	類別變數
TotRmsAbvGrd	Total rooms above grade (does not include bathrooms) 不含浴室之房間數量	連續變數
Functional	Home functionality rating 家庭功能的評等	類別變數
Fireplaces	Number of fireplaces 壁爐的數量	連續變數
FireplaceQu	Fireplace quality 壁爐的品質	類別變數
GarageType	Garage location 車庫的位置	類別變數

GarageYrBlt	Year garage was built 車庫已建幾年	連續變數
GarageFinish	Interior finish of the garage 車庫內部完成程度	連續變數
GarageCars	Size of garage in car capacity 車庫可容納的車輛數	連續變數
GarageArea	Size of garage in square feet 車庫的面積	連續變數
GarageQual	Garage quality 車庫的品質	類別變數
GarageCond	Garage condition 車庫備有的條件	類別變數
PavedDrive	Paved driveway 車道的材質	類別變數
WoodDeckSF	Wood deck area in square feet 木板的面積	連續變數
OpenPorchSF	Open porch area in square feet 開放式走廊的面積	連續變數
EnclosedPorch	Enclosed porch area in square feet 封閉式走廊的面積	連續變數

3SsnPorch	Three season porch area in square feet 有三面走廊的面積	連續變數
ScreenPorch	Screen porch area in square feet 玻璃面走廊的面積	連續變數
PoolArea	Pool area in square feet 泳池的面積	連續變數
PoolQC	Pool quality 泳池的品質	類別變數
Fence	Fence quality 柵欄的品質	類別變數
MiscFeature	Miscellaneous feature not covered in other categories 其他未涵蓋的建設	類別變數
MiscVal	\$Value of miscellaneous feature 附加建設的價值	連續變數
MoSold	Month Sold 月銷售金額	連續變數
YrSold	Year Sold 年銷售金額	連續變數
SaleType	Type of sale 房屋銷售型態	類別變數

SaleCondition	Condition of sale 目前銷售情況	類別變數
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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
- 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: 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 to property

Grvl Gravel

Pave Paved

Alley: Type of alley access to property

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

Edwards Edwards

GilbertGilbert

IDOTRR Iowa DOT and Rail Road

MeadowV	Meadow Village
Mitchel	Mitchell
Names	North Ames
NoRidge	Northridge
NPkVill	Northpark Villa
NridgHt	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 various conditions

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
 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

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

RRAe Adjacent to East-West Railroad

BldgType: Type of dwelling

1Fam Single-family Detached

2FmCon Two-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: 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
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: Evaluates the quality of the material on the exterior

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

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

PConcPoured Contrete

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	Mimimum 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	Unfinshed
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	Unfinshed
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

NNo

YYes

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: Bedrooms above grade (does NOT include basement bedrooms)

Kitchen: Kitchens above grade

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 (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
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
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 (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)