**HouseStyle**

Style of dwelling - Categorical

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 - Categorical

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- Categorical

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

**YearRemodAdd**

Remodel date (same as construction date if no remodeling or additions) – Categorical

IMPORTANT: To make our Machine Learning model usable in the future, we need to treat this variable as an interval, meaning “the number of years since the last improvement”, relative to the year the house was sold. So we will use this variable instead:

**YearsSinceLastRemod**

Number of years since the last improvement, related to the year sold

**RoofStyle?**

Type of roof- Categorical

Flat Flat

Gable Gable

Gambrel Gabrel (Barn)

Hip Hip

Mansard Mansard

Shed Shed

**RoofMatl?**

Roof material- Categorical

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- Categorical

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) - Categorical

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- Categorical

BrkCmn Brick Common

BrkFace Brick Face

CBlock Cinder Block

None None

Stone Stone

**MasVnrArea**

Masonry veneer area in square feet

**ExterCond**

Evaluates the present condition of the material on the exterior- Categorical

Ex Excellent

Gd Good

TA Average/Typical

Fa Fair

Po Poor

**BsmtCond**

Evaluates the general condition of the basement- Categorical

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

**BsmtFinType1**

Rating of basement finished area- Categorical

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

**BsmtFinType2**

Rating of basement finished area (if multiple types) - Categorical

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

**HeatingQC**

Heating quality and condition- Categorical

Ex Excellent

Gd Good

TA Average/Typical

Fa Fair

Po Poor

**CentralAir**

Central air conditioning- Categorical

N No

Y Yes

**KitchenQual**

Kitchen quality- Categorical

Ex Excellent

Gd Good

TA Typical/Average

Fa Fair

Po Poor

**Functional**

Home functionality (Assume typical unless deductions are warranted) - Categorical

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

**PavedDrive**

Paved driveway- Categorical

Y Paved

P Partial Pavement

N Dirt/Gravel

**PoolQC**

Pool quality- Categorical

Ex Excellent

Gd Good

TA Average/Typical

Fa Fair

NA No Pool

**Fence**

Fence quality- Categorical

GdPrv Good Privacy

MnPrv Minimum Privacy

GdWo Good Wood

MnWw Minimum Wood/Wire

NA No Fence