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

LotArea: Lot size in square feet

LotShape: General shape of property

Reg Regular

IR1 Slightly irregular

IR2 Moderately Irregular

IR3 Irregular

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

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

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

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

YearBuilt: Original construction date 🡪 Create property\_age = current\_year - train\_data['Year Built']

YearRemodAdd: Remodel date (same as construction date if no remodeling or additions) 🡪 Create years\_remodel = current\_year - train\_data['Year Remodelated']

MasVnrArea: Masonry veneer area in square feet

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 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

TotalBsmtSF: Total square feet of basement area 🡪 Create total\_living\_area = train\_data['TotalBsmtSF'] + train\_data['1stFlrSF'] + train\_data['2ndFlrSF']

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

1stFlrSF: First Floor square feet 🡪 Create above\_vs\_Bsmt\_ratio = (train\_data['1stFlrSF'] + train\_data['2ndFlrSF']) / train\_data['TotalBsmtSF']

2ndFlrSF: Second floor square feet 🡪 Create has\_2nd\_floor = (train\_data['2ndFlrSF'] > 0).astype(int)

GrLivArea: Above grade (ground) living area square feet

FullBath: Full bathrooms above grade 🡪 Create non\_bedroom\_rooms = train\_data['TotRmsAbvGrd'] - train\_data['BedroomAbvGr'] - train\_data['KitchenAbvGr']

Bedroom: Bedrooms above grade (does NOT include basement bedrooms) 🡪 Create extra\_rooms = train\_data['TotRmsAbvGrd'] - (train\_data['BedroomAbvGr'] + train\_data['KitchenAbvGr'])

KitchenQual: Kitchen quality

Ex Excellent

Gd Good

TA Typical/Average

Fa Fair

Po Poor

TotRmsAbvGrd: Total rooms above grade (does not include bathrooms) 🡪 Create bedroom\_ratio = train\_data['BedroomAbvGr'] / train\_data['TotRmsAbvGrd']

Fireplaces: Number of fireplaces

GarageCars: Size of garage in car capacity 🡪 Create has\_garage = train\_data['GarageCars'].apply(lambda x: 1 if x > 0 else 0) 🡪 Create large\_garage = (train\_data['GarageCars'] >= 3).astype(int)

GarageArea: Size of garage in square feet 🡪 Create garage\_area\_ratio = train\_data['GarageArea'] / train\_data['total\_living\_area']

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)