

Features	Feature Descriptions	Type	Missing Values (%)
Id	Unique identifier of each house sold	Integer	0
MSSubClass	Type and style of dwelling of the house combined	Integer	0
MSZoning	Area zoning type of where the house was sold	Character	0.13
LotFrontage	Length(ft) of street that is connected to property	Integer	16.64
LotArea	The size(sqft) of land assigned to a property	Integer	0
Street	Material of road access to the property	Character	0
Alley	Material of road access to the property	Character	46.89
LotShape	Shape of property	Character	0
LandContour	Land contour of the property	Character	0
Utilities	House utility available	Character	0.06
LotConfig	Type configuration with property lot	Character	0
LandSlope	Slope of land within property	Character	0
Neighborhood	Neighborhood of where property is located	Character	0
Condition1	Conditions that are in proximity	Character	0
Condition2	Conditions (if there is two) that are in proximity	Character	0
BldgType	Dwelling type	Character	0
HouseStyle	Dwelling style	Character	0
OverallQual	Rating of the house quality (material/finish)	Integer	0
OverallCond	Rating of the house condition	Integer	0
YearBuilt	Year initially built	Integer	0
YearRemodAdd	Year remodeled (if not, same as YearBuilt)	Integer	0
RoofStyle	Roof type	Character	0
RoofMatl	Roof material	Character	0
Exterior1st	Exterior covering material	Character	0.34
Exterior2nd	Exterior covering material (if there is two)	Character	0.34
MasVnrType	Material of masonry veneer (non-structural external wall)	Character	0.82
MasVnrArea	Area of masonry veneer	Integer	0.78
ExterQual	Exterior covering material quality	Integer	0

ExterCond	Exterior covering material condition	Integer	0
Foundation	Foundation material	Character	0
BsmtQual	Height of the basement classified as quality	Character	2.77
BsmtCond	Basement condition	Character	2.80
BsmtExposure	Exposure level of basement to the outside	Character	2.80
BsmtFinType1	Rating the finished basement area	Character	2.70
BsmtFinSF1	Area(sqft) of finished basement in Type1	Integer	0.03
BsmtFinType2	Rating of finished basement (if there are two)	Character	2.74
BsmtFinSF2	Area(sqft) of finished basement in Type 2	Integer	0.03
BsmtUnfSF	Area(sqft) of unfinished basement	Integer	0.03
TotalBsmtSF	Area(sqft) of basement in total	Integer	0.03
Heating	Heating type	Character	0
HeatingQC	Rating of heating quality	Character	0
CentralAir	Presence of central air system (Y/N)	Character	0
Electrical	Electrical system type	Character	0.03
X1stFlrSF	Area(sqft) of first floor	Integer	0
X2ndFlrSF	Area(sqft) of second floor	Integer	0
LowQualFinSF	Area(sqft) of finished low quality in all floors	Integer	0
GrLivArea	Area(sqft) of above ground living space	Integer	0
BsmtFullBath	Count of full bathrooms in the basement	Integer	0.06
BsmtHalfBath	Count of half bathrooms in the basement	Integer	0.06
FullBath	Count of full bathrooms in the whole house	Integer	0
HalfBath	Count of half bathrooms in the whole house	Integer	0
BedroomAbvGr	Count of bedrooms above ground	Integer	0
KitchenAbvGr	Count of kitchen above ground	Integer	0
KitchenQual	Rating of kitchen quality	Character	0.03
TotRmsAbvGrd	Count of rooms above ground	Integer	0
Functional	Rating of house functionality	Character	0.06
FirePlaces	Count of fireplaces	Integer	0
FirePlaceQu	Rating of fireplace quality	Character	48.64

GarageType	Location of garage relative to the house	Character	5.37
GarageYrBlt	Year of when the garage was built	Integer	5.44
GarageFinish	Interior finish of the garage	Character	5.44
GarageCars	Count of cars that can fit in the garage	Integer	0.03
GarageArea	Area(sqft) of the garage	Integer	0.03
GarageQual	Rating of garage quality	Character	5.44
GarageCond	Rating of garage condition	Character	5.44
PavedDrive	Level of pavement of the driveway	Character	0
WoodDeckSF	Area(sqft) of wood deck space	Integer	0
OpenPorchSF	Area(sqft) of open porch	Integer	0
EnclosedPorch	Area(sqft) of enclosed porch	Integer	0
X3SsnPorch	Area(sqft) of season porch	Integer	0
ScreenPorch	Area(sqft) of screen porch	Integer	0
PoolArea	Area(sqft) of pool	Integer	0
PoolQC	Rating of pool quality	Character	99.65
Fence	Rating of fence quality	Character	80.43
MiscFeature	Miscellaneous feature/equipments in the house	Character	96.40
Miscval	Value(\$) of miscellaneous features	Integer	0
MoSold	Month when the house was sold	Integer	0
YrSold	Year when the house was sold	Integer	0
SaleType	Types of house sale	Character	0.03
SaleCondition	Condition of house sale	Character	0
SalePrice	Price of house sold (Response Feature)	Integer	49.98