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| --- | --- | --- | --- |
| Name | Modeling Role | Measurement Level | Description |
| Id | Feature | Identifier | Unique identifier for each property |
| MSSubClass | Feature | Continuous | The building class |
| MSZoning | Feature | Nominal | The general zoning classification |
| LotFrontage | Feature | Continuous | Linear feet of street connected to property |
| LotArea | Feature | Continuous | Lot size in square feet |
| Street | Feature | Nominal | Type of road access |
| Alley | Feature | Nominal | Type of alley access |
| LotShape | Feature | Nominal | General shape of property |
| LandContour | Feature | Nominal | Flatness of the property |
| Utilities | Feature | Nominal | Type of utilities available |
| LotConfig | Feature | Nominal | Lot configuration |
| LandSlope | Feature | Nominal | Slope of property |
| Neighborhood | Feature | Nominal | Physical locations within Ames city limits |
| Condition1 | Feature | Nominal | Proximity to main road or railroad |
| Condition2 | Feature | Nominal | Proximity to main road or railroad |
| BldgType | Feature | Nominal | Type of dwelling |
| HouseStyle | Feature | Nominal | Style of dwelling |
| OverallQual | Feature | Continuous | Overall material and finish quality |
| OverallCond | Feature | Ordinal | Overall condition rating |
| YearBuilt | Feature | Continuous | Original construction date |
| YearRemodAdd | Feature | Continuous | Remodel date |
| RoofStyle | Feature | Nominal | Type of roof |
| RoofMatl | Feature | Nominal | Roof material |
| Exterior1st | Feature | Nominal | Exterior covering on house |
| Exterior2nd | Feature | Nominal | Exterior covering on house |
| MasVnrType | Feature | Nominal | Masonry veneer type |
| MasVnrArea | Feature | Continuous | Masonry veneer area in square feet |
| ExterQual | Feature | Nominal | Exterior material quality |
| ExterCond | Feature | Nominal | Present condition of the material on the exterior |
| Foundation | Feature | Nominal | Type of foundation |
| BsmtQual | Feature | Nominal | Height of the basement |
| BsmtCond | Feature | Nominal | General condition of the basement |
| BsmtExposure | Feature | Nominal | Walkout or garden level basement walls |
| BsmtFinType1 | Feature | Nominal | Quality of basement finished area |
| BsmtFinSF1 | Feature | Continuous | Type 1 finished square feet |
| BsmtFinType2 | Feature | Nominal | Quality of second finished area (if present) |
| BsmtFinSF2 | Feature | Continuous | Type 2 finished square fee |
| BsmtUnfSF | Feature | Continuous | Unfinished square feet of basement area |
| TotalBsmtSF | Feature | Continuous | Total square feet of basement area |
| Heating | Feature | Nominal | Type of heating |
| HeatingQC | Feature | Nominal | Heating quality and condition |
| CentralAir | Feature | Nominal | Central air conditioning |
| Electrical | Feature | Nominal | Electrical system |
| 1stFlrSF | Feature | Continuous | First Floor square feet |
| 2ndFlrSF | Feature | Continuous | Second floor square feet |
| LowQualFinSF | Feature | Continuous | Low quality finished square feet (all floors) |
| GrLivArea | Feature | Continuous | Above grade (ground) living area square feet |
| BsmtFullBath | Feature | Ordinal | Basement full bathrooms |
| BsmtHalfBath | Feature | Ordinal | Basement half bathrooms |
| FullBath | Feature | Ordinal | Full bathrooms above grade |
| HalfBath | Feature | Ordinal | Half baths above grade |
| BedroomAbvGr | Feature | Ordinal | Number of bedrooms above basement level |
| KitchenAbvGr | Feature | Ordinal | Number of kitchens |
| KitchenQual | Feature | Nominal | Kitchen quality |
| TotRmsAbvGrd | Feature | Continuous | Total rooms above grade (does not include bathrooms) |
| Functional | Feature | Nominal | Home functionality rating |
| Fireplaces | Feature | Ordinal | Number of fireplaces |
| FireplaceQu | Feature | Nominal | Fireplace quality |
| GarageType | Feature | Nominal | Garage location |
| GarageYrBlt | Feature | Continuous | Year garage was built |
| GarageFinish | Feature | Nominal | Interior finish of the garage |
| GarageCars | Feature | Ordinal | Size of garage in car capacity |
| GarageArea | Feature | Continuous | Size of garage in square feet |
| GarageQual | Feature | Nominal | Garage quality |
| GarageCond | Feature | Nominal | Garage condition |
| PavedDrive | Feature | Nominal | Paved driveway |
| WoodDeckSF | Feature | Continuous | Wood deck area in square feet |
| OpenPorchSF | Feature | Continuous | Open porch area in square feet |
| EnclosedPorch | Feature | Continuous | Enclosed porch area in square feet |
| 3SsnPorch | Feature | Continuous | Three season porch area in square feet |
| ScreenPorch | Feature | Continuous | Screen porch area in square feet |
| PoolArea | Feature | Ordinal | Pool area in square feet |
| PoolQC | Feature | Nominal | Pool quality |
| Fence | Feature | Nominal | Fence quality |
| MiscFeature | Feature | Nominal | Miscellaneous feature not covered in other categories |
| MiscVal | Feature | Continuous | Value of miscellaneous feature |
| MoSold | Feature | Continuous | Month Sold |
| YrSold | Feature | Ordinal | Year Sold |
| SaleType | Feature | Nominal | Type of sale |
| SaleCondition | Feature | Nominal | Condition of sale |
| SalePrice | Target | Continuous | Sale price of the property (target variable) |