# Dataset:

## Attribute Information:

* **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
  + 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
* **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
  + TwnhsI 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
  + 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
* **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**
  + N No
  + Y Yes
* **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)