Data fields

Here's a brief version of what you'll find in the data description file.

* SalePrice - the property's sale price in dollars. This is the target variable that you're trying to predict.
* MSSubClass: The building class
* MSZoning: The general zoning classification
* LotFrontage: Linear feet of street connected to property
* LotArea: Lot size in square feet
* Street: Type of road access
* Alley: Type of alley access
* LotShape: General shape of property
* LandContour: Flatness of the property
* Utilities: Type of utilities available
* LotConfig: Lot configuration
* LandSlope: Slope of property
* Neighborhood: Physical locations within Ames city limits
* Condition1: Proximity to main road or railroad
* Condition2: Proximity to main road or railroad (if a second is present)
* BldgType: Type of dwelling
* HouseStyle: Style of dwelling
* OverallQual: Overall material and finish quality
* OverallCond: Overall condition rating
* YearBuilt: Original construction date
* YearRemodAdd: Remodel date
* RoofStyle: Type of roof
* RoofMatl: Roof material
* Exterior1st: Exterior covering on house
* Exterior2nd: Exterior covering on house (if more than one material)
* MasVnrType: Masonry veneer type
* MasVnrArea: Masonry veneer area in square feet
* ExterQual: Exterior material quality
* ExterCond: Present condition of the material on the exterior
* Foundation: Type of foundation
* BsmtQual: Height of the basement
* BsmtCond: General condition of the basement
* BsmtExposure: Walkout or garden level basement walls
* BsmtFinType1: Quality of basement finished area
* BsmtFinSF1: Type 1 finished square feet
* BsmtFinType2: Quality of second finished area (if present)
* BsmtFinSF2: Type 2 finished square feet
* BsmtUnfSF: Unfinished square feet of basement area
* TotalBsmtSF: Total square feet of basement area
* Heating: Type of heating
* HeatingQC: Heating quality and condition
* CentralAir: Central air conditioning
* Electrical: Electrical system
* 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: Number of bedrooms above basement level
* Kitchen: Number of kitchens
* KitchenQual: Kitchen quality
* TotRmsAbvGrd: Total rooms above grade (does not include bathrooms)
* Functional: Home functionality rating
* Fireplaces: Number of fireplaces
* FireplaceQu: Fireplace quality
* GarageType: Garage location
* GarageYrBlt: Year garage was built
* GarageFinish: Interior finish of the garage
* GarageCars: Size of garage in car capacity
* GarageArea: Size of garage in square feet
* GarageQual: Garage quality
* GarageCond: Garage condition
* PavedDrive: Paved driveway
* 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
* Fence: Fence quality
* MiscFeature: Miscellaneous feature not covered in other categories
* MiscVal: $Value of miscellaneous feature
* MoSold: Month Sold
* YrSold: Year Sold
* SaleType: Type of sale
* SaleCondition: Condition of sale

**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)**