Dataset Description

File descriptions

1. **train.csv** - the training set
2. **test.csv** - the test set
3. **data\_description.txt** - full description of each column, originally prepared by Dean De Cock but lightly edited to match the column names used here
4. **sample\_submission.csv** - a benchmark submission from a linear regression on year and month of sale, lot square footage, and number of bedrooms

Data fields

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

1. **SalePrice** - the property's sale price in dollars. This is the target variable that you're trying to predict.
2. **MSSubClass**: The building class
3. **MSZoning**: The general zoning classification
4. **LotFrontage**: Linear feet of street connected to property
5. **LotArea**: Lot size in square feet
6. **Street**: Type of road access
7. **Alley**: Type of alley access
8. **LotShape**: General shape of property
9. **LandContour**: Flatness of the property
10. **Utilities**: Type of utilities available
11. **LotConfig**: Lot configuration
12. **LandSlope**: Slope of property
13. **Neighborhood**: Physical locations within Ames city limits
14. **Condition1**: Proximity to main road or railroad
15. **Condition2**: Proximity to main road or railroad (if a second is present)
16. **BldgType**: Type of dwelling
17. **HouseStyle**: Style of dwelling
18. **OverallQual**: Overall material and finish quality
19. **OverallCond**: Overall condition rating
20. **YearBuilt**: Original construction date
21. **YearRemodAdd**: Remodel date
22. **RoofStyle**: Type of roof
23. **RoofMatl**: Roof material
24. **Exterior1st**: Exterior covering on house
25. **Exterior2nd**: Exterior covering on house (if more than one material)
26. **MasVnrType**: Masonry veneer type
27. **MasVnrArea**: Masonry veneer area in square feet
28. **ExterQual**: Exterior material quality
29. **ExterCond**: Present condition of the material on the exterior
30. **Foundation**: Type of foundation
31. **BsmtQual**: Height of the basement
32. **BsmtCond**: General condition of the basement
33. **BsmtExposure**: Walkout or garden level basement walls
34. **BsmtFinType1**: Quality of basement finished area
35. **BsmtFinSF1**: Type 1 finished square feet
36. **BsmtFinType2**: Quality of second finished area (if present)
37. **BsmtFinSF2**: Type 2 finished square feet
38. **BsmtUnfSF**: Unfinished square feet of basement area
39. **TotalBsmtSF**: Total square feet of basement area
40. **Heating**: Type of heating
41. **HeatingQC**: Heating quality and condition
42. **CentralAir**: Central air conditioning
43. **Electrical**: Electrical system
44. **1stFlrSF**: First Floor square feet
45. **2ndFlrSF**: Second floor square feet
46. **LowQualFinSF**: Low quality finished square feet (all floors)
47. **GrLivArea**: Above grade (ground) living area square feet
48. **BsmtFullBath**: Basement full bathrooms
49. **BsmtHalfBath**: Basement half bathrooms
50. **FullBath**: Full bathrooms above grade
51. **HalfBath**: Half baths above grade
52. **Bedroom**: Number of bedrooms above basement level
53. **Kitchen**: Number of kitchens
54. **KitchenQual**: Kitchen quality
55. **TotRmsAbvGrd**: Total rooms above grade (does not include bathrooms)
56. **Functional**: Home functionality rating
57. **Fireplaces**: Number of fireplaces
58. **FireplaceQu**: Fireplace quality
59. **GarageType**: Garage location
60. **GarageYrBlt**: Year garage was built
61. **GarageFinish**: Interior finish of the garage
62. **GarageCars**: Size of garage in car capacity
63. **GarageArea**: Size of garage in square feet
64. **GarageQual**: Garage quality
65. **GarageCond**: Garage condition
66. **PavedDrive**: Paved driveway
67. **WoodDeckSF**: Wood deck area in square feet
68. **OpenPorchSF**: Open porch area in square feet
69. **EnclosedPorch**: Enclosed porch area in square feet
70. **3SsnPorch**: Three season porch area in square feet
71. **ScreenPorch**: Screen porch area in square feet
72. **PoolArea**: Pool area in square feet
73. **PoolQC**: Pool quality
74. **Fence**: Fence quality
75. **MiscFeature**: Miscellaneous feature not covered in other categories
76. **MiscVal**: $Value of miscellaneous feature
77. **MoSold**: Month Sold
78. **YrSold**: Year Sold
79. **SaleType**: Type of sale
80. **SaleCondition**: Condition of sale