Ames Housing Data

This dataset is derived from information collected by Dean De Cook[1] from the Ames Assessor's office in Ames, Iowa on home sales between 2006 and 2010. There are 42 variables recorded for the houses.

Here is a key for how the variables are coded:

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Order:          Observation number
Price           Sale price (in $thousands)
LotFrontage:    Linear feet of street connected to property
LotArea:        Lot size in square feet
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
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
Quality:        Rates the overall material and finish of the house
                    10=Very Excellent to 5=Average to 1=Very Poor
Condition:      Rates the overall condition of the house
                    10=Very Excellent to 5=Average to 1=Very Poor
YearBuilt:      Original construction date
YearRemodel:    Remodel date (same as construction date if no remodeling)
ExteriorQ:      Evaluates the quality of the material on the exterior
                    Ex              Excellent
                    Gd              Good
                    TA              Average/Typical
                    Fa              Fair
                    Po              Poor
ExteriorC:      Evaluates the present condition of the material on the exterior
                    Same categories as ExteriorQ
Foundation:     Type of foundation
                    BrkTil          Brick & Tile
                    CBlock          Cinder Block
                    PConc           Poured Contrete
                    Slab            Slab
                    Stone           Stone
                    Wood            Wood
BasementHt:     Evaluates the height of the basement
                    Same categories as ExteriorQ + None
BasementC:      Evaluates the general condition of the basement
                    Same categories as ExteriorQ + None
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BasementFin:       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
BasementFinSF:     Finished square feet in basement
BasementSF:        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
                   Same categories as ExteriorQ
CentralAir:        Central air conditioning
                   N               No
                   Y               Yes
FirstSF:           First Floor square feet
SecondSF:          Second floor square feet
GroundSF:          Above grade (ground) living area square feet

BasementFBath:     Basement full bathrooms
BasementHBath:     Basement half bathrooms
FullBath:          Full bathrooms above grade
HalfBath:          Half baths above grade
Bedroom:           Bedrooms above grade (does NOT include basement bedrooms)
KitchenQ:          Kitchen quality
                   Same categories as ExteriorQ
TotalRooms:        Total rooms above grade (does not include bathrooms)
Fireplaces:        Number of fireplaces
GarageType:        Garage location
                   2Types          More than one type of garage
                   Attchd          Attached to home
                   Basment         Basement Garage
                   BuiltIn         Built-In (e.g. room above garage)
                   CarPort         Car Port
                   Detchd          Detached from home
                   NA              No Garage
GarageCars:        Size of garage in car capacity
GarageSF:          Size of garage in square feet
GarageQ:           Garage quality
                   Same categories as ExteriorQ + Nnone
GarageC:           Garage condition
                   Same categories as ExteriorQ + None
WoodDeckSF:        Wood deck area in square feet
OpenPorchSF:       Open porch area in square feet
EnclosedPorchSF:   Enclosed porch area in square feet
ScreenPorchSF:     Screen porch area in square feet
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