House Price Regression

Suzanne

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## R Markdown

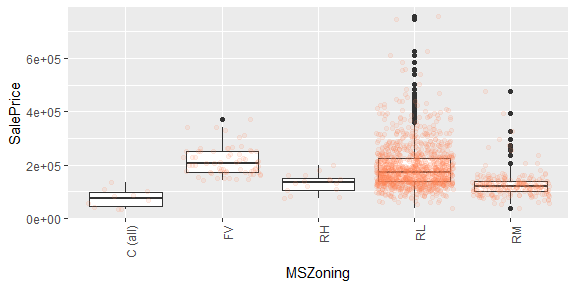
## Loading required package: lattice

##   
## Attaching package: 'caret'

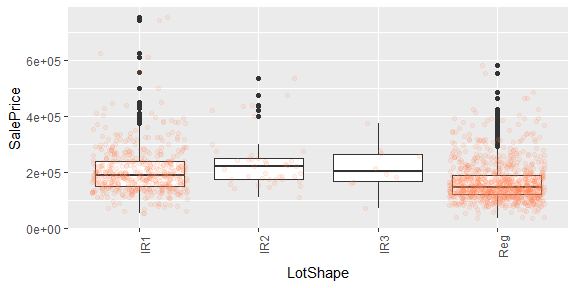
## The following object is masked from 'package:purrr':  
##   
## lift

## [1] "PLOTTING character variables"

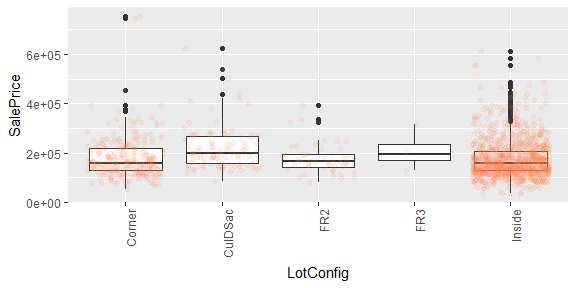
## [1] "1 plotting MSZoning"



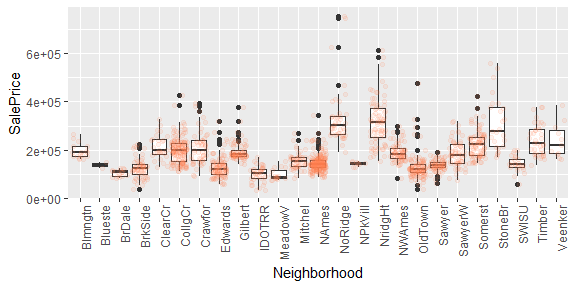
## [1] "2 plotting LotShape"



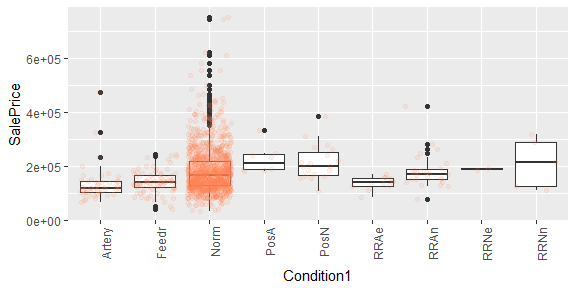
## [1] "3 plotting LotConfig"



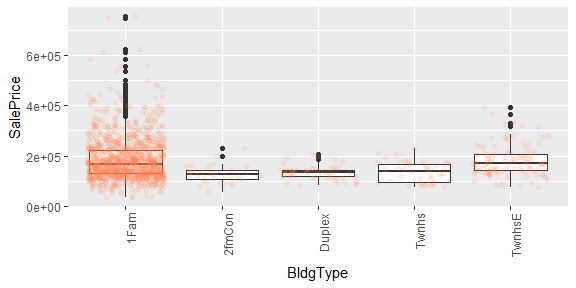
## [1] "4 plotting Neighborhood"



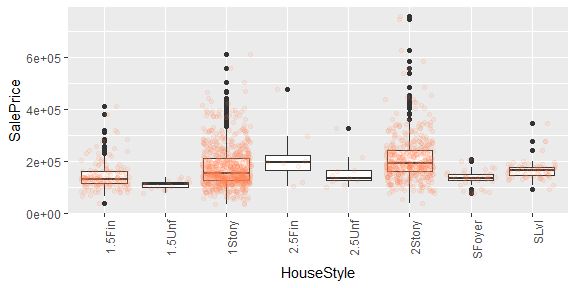
## [1] "5 plotting Condition1"



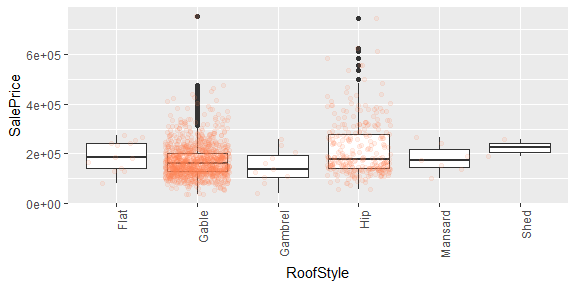
## [1] "6 plotting BldgType"



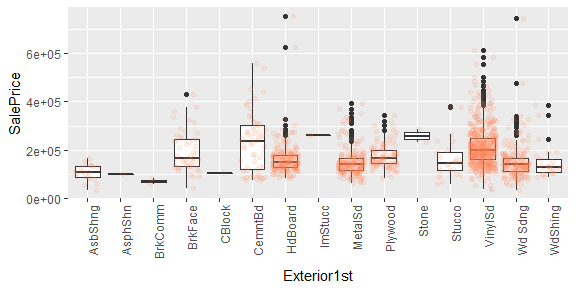
## [1] "7 plotting HouseStyle"



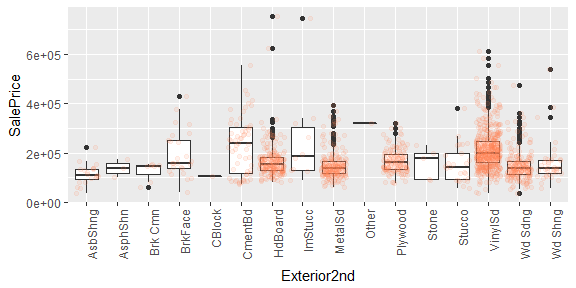
## [1] "8 plotting RoofStyle"



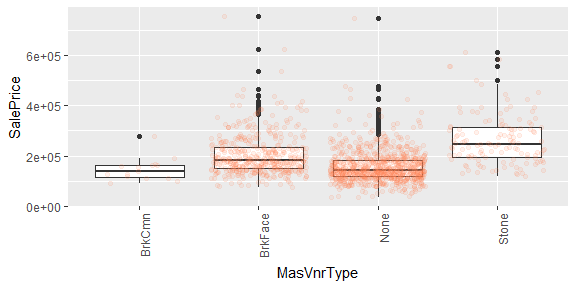
## [1] "9 plotting Exterior1st"



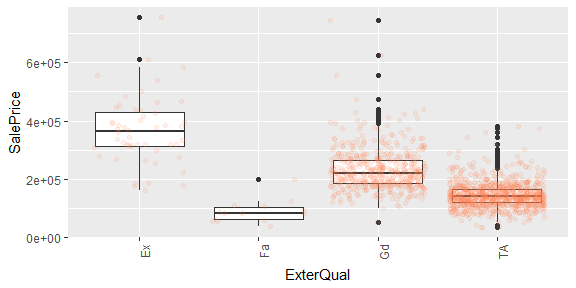
## [1] "10 plotting Exterior2nd"



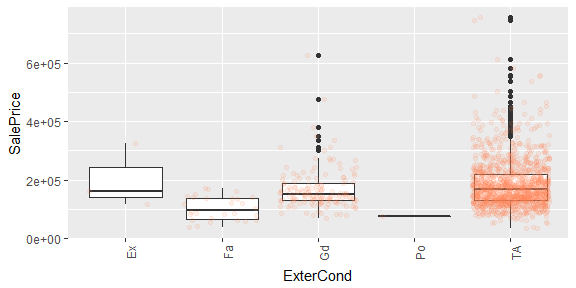
## [1] "11 plotting MasVnrType"



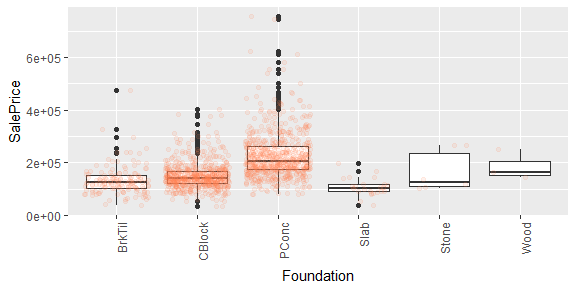
## [1] "12 plotting ExterQual"



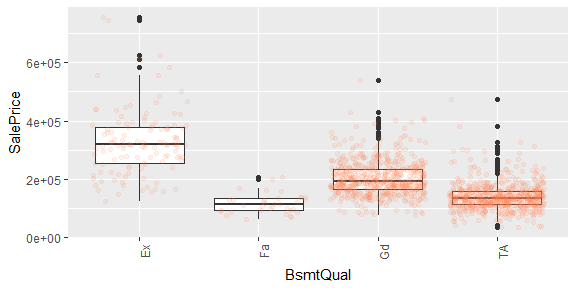
## [1] "13 plotting ExterCond"



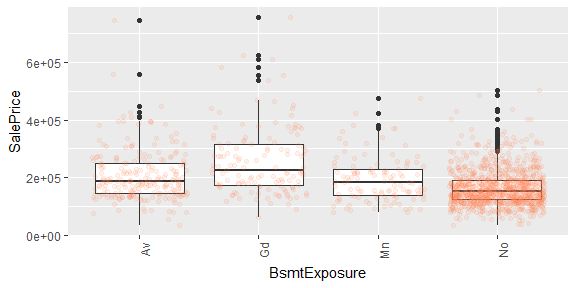
## [1] "14 plotting Foundation"



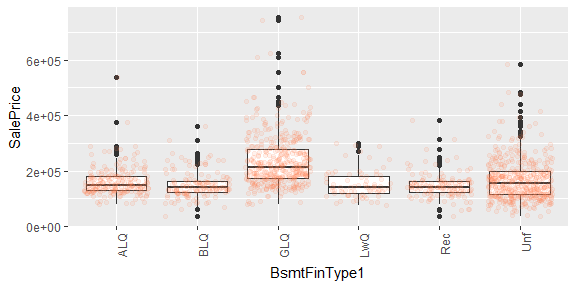
## [1] "15 plotting BsmtQual"



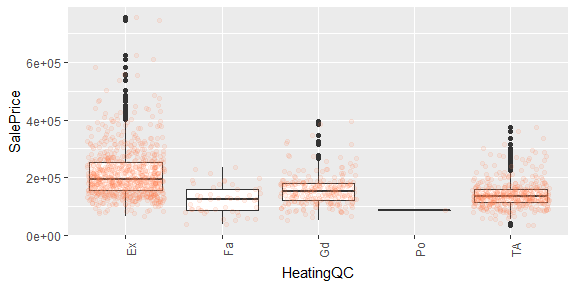
## [1] "16 plotting BsmtExposure"



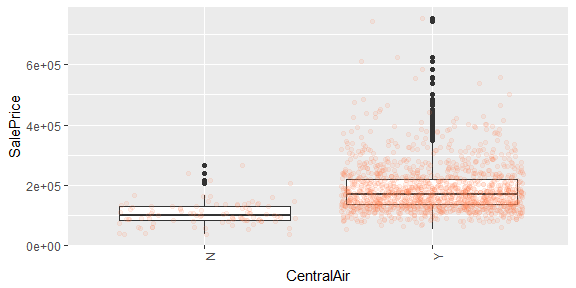
## [1] "17 plotting BsmtFinType1"



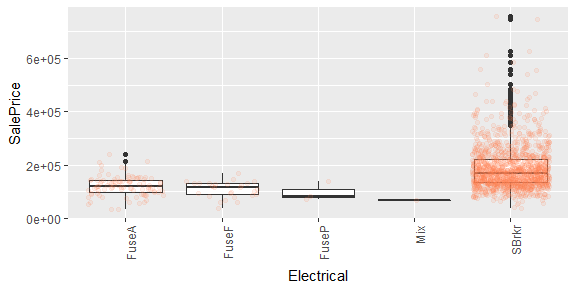
## [1] "18 plotting HeatingQC"



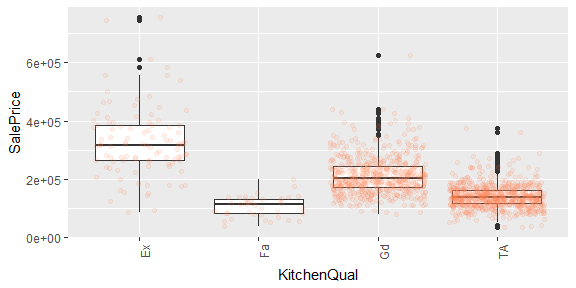
## [1] "19 plotting CentralAir"



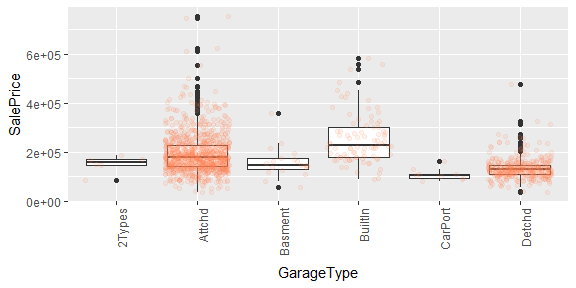
## [1] "20 plotting Electrical"



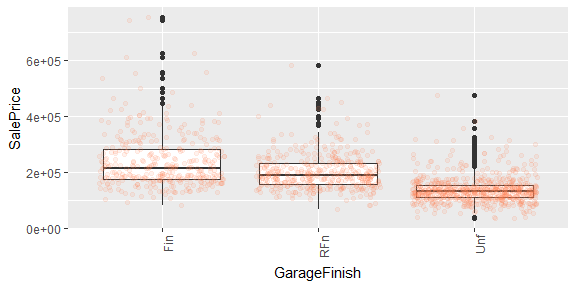
## [1] "21 plotting KitchenQual"



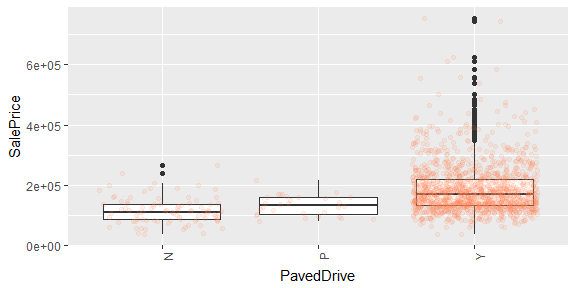
## [1] "22 plotting GarageType"



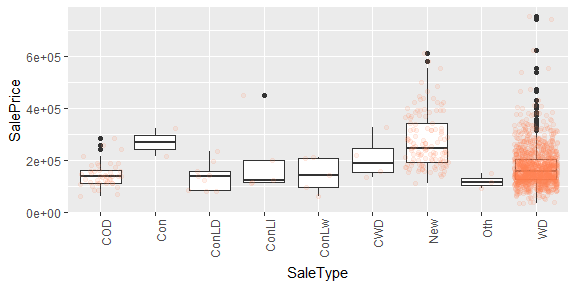
## [1] "23 plotting GarageFinish"



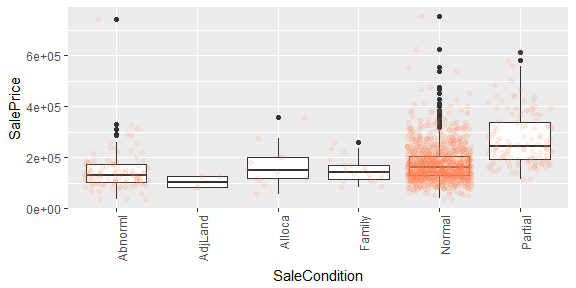
## [1] "24 plotting PavedDrive"



## [1] "25 plotting SaleType"



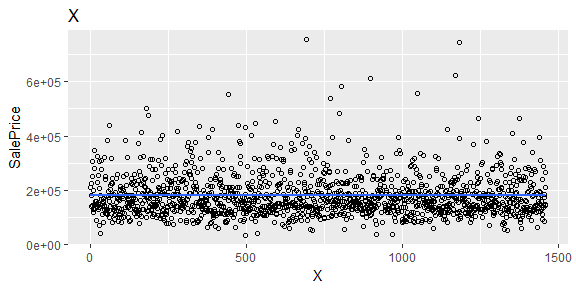
## [1] "26 plotting SaleCondition"



## [1] "PLOTTING numeric variables"

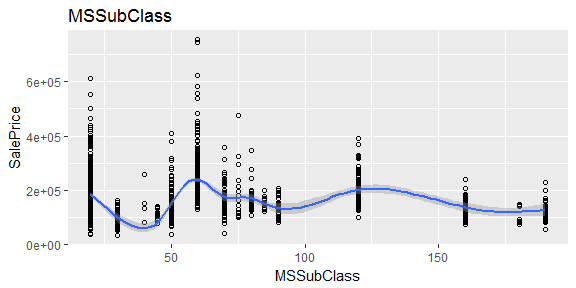
## [1] "1 plotting X"

## `geom\_smooth()` using method = 'gam'



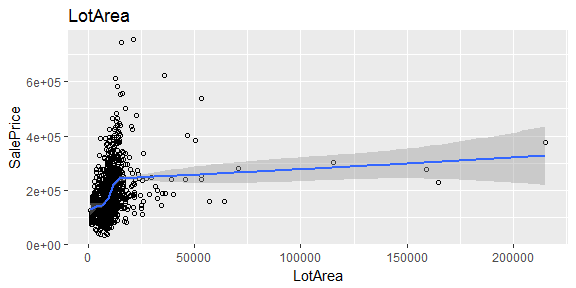
## [1] "2 plotting MSSubClass"

## `geom\_smooth()` using method = 'gam'



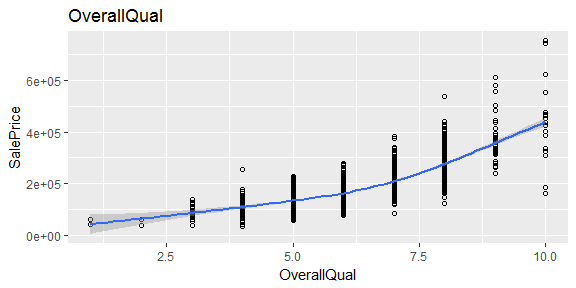
## [1] "3 plotting LotArea"

## `geom\_smooth()` using method = 'gam'



## [1] "4 plotting OverallQual"

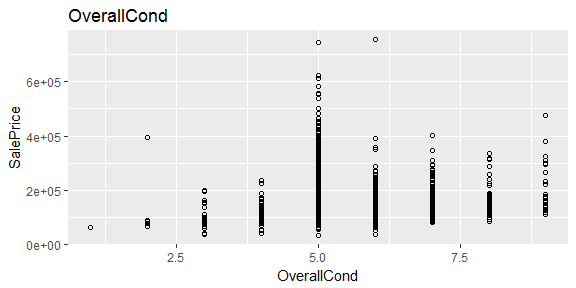
## `geom\_smooth()` using method = 'gam'



## [1] "5 plotting OverallCond"

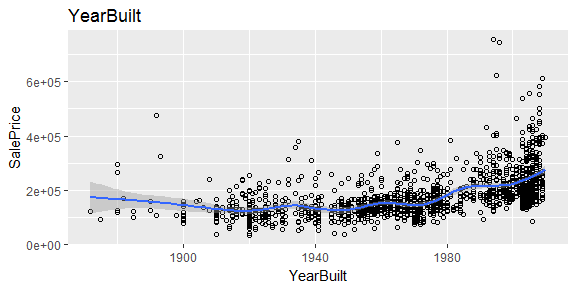
## `geom\_smooth()` using method = 'gam'

## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



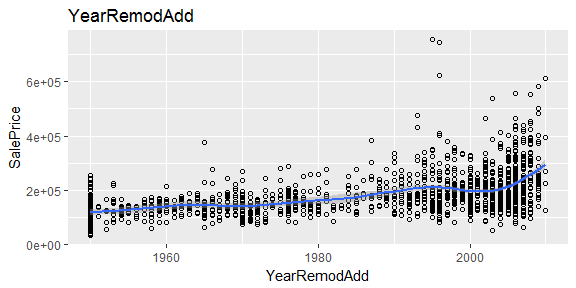
## [1] "6 plotting YearBuilt"

## `geom\_smooth()` using method = 'gam'



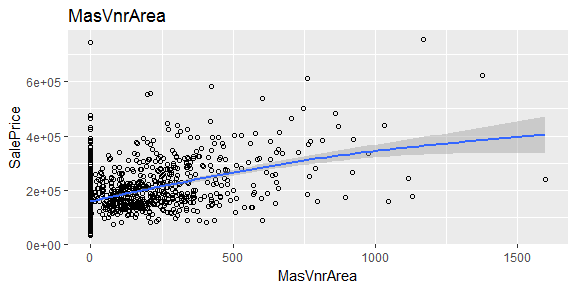
## [1] "7 plotting YearRemodAdd"

## `geom\_smooth()` using method = 'gam'



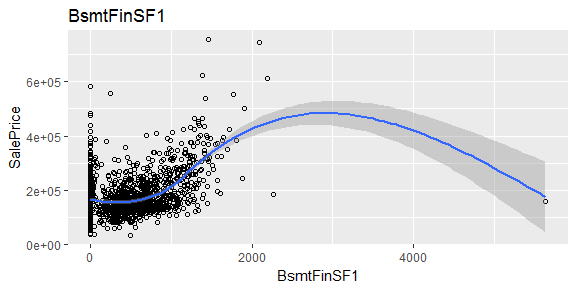
## [1] "8 plotting MasVnrArea"

## `geom\_smooth()` using method = 'gam'



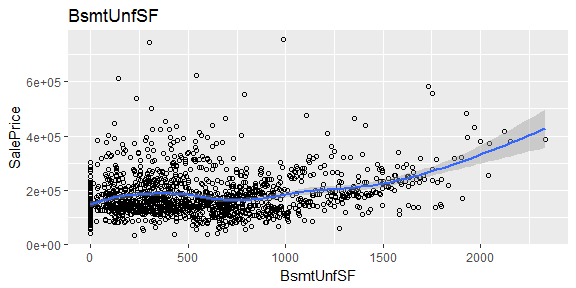
## [1] "9 plotting BsmtFinSF1"

## `geom\_smooth()` using method = 'gam'



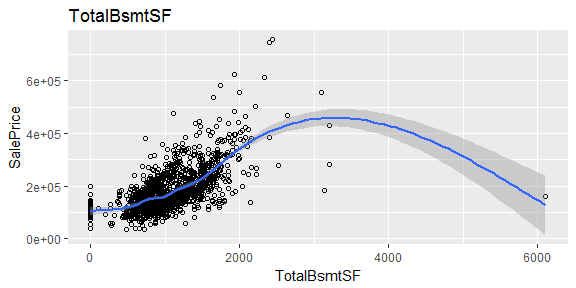
## [1] "10 plotting BsmtUnfSF"

## `geom\_smooth()` using method = 'gam'



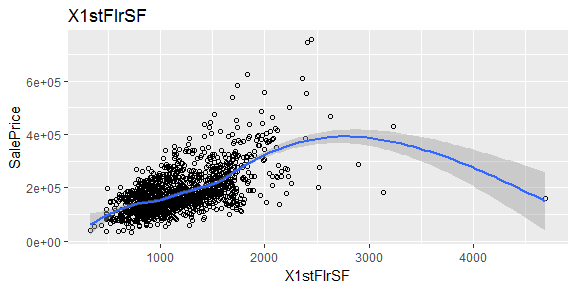
## [1] "11 plotting TotalBsmtSF"

## `geom\_smooth()` using method = 'gam'



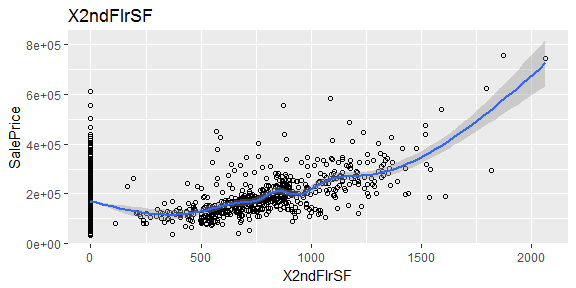
## [1] "12 plotting X1stFlrSF"

## `geom\_smooth()` using method = 'gam'



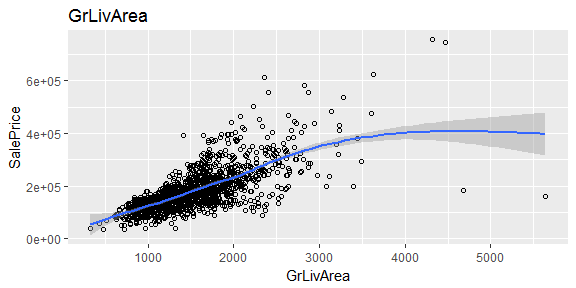
## [1] "13 plotting X2ndFlrSF"

## `geom\_smooth()` using method = 'gam'



## [1] "14 plotting GrLivArea"

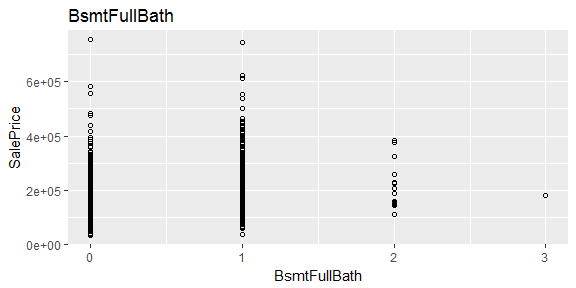
## `geom\_smooth()` using method = 'gam'



## [1] "15 plotting BsmtFullBath"

## `geom\_smooth()` using method = 'gam'

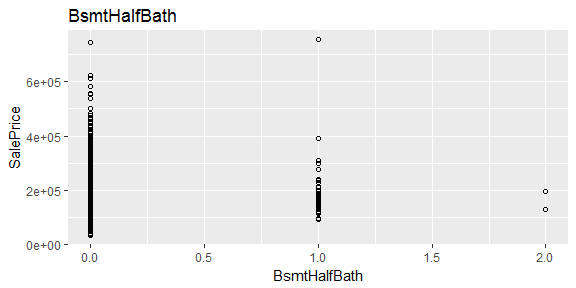
## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "16 plotting BsmtHalfBath"

## `geom\_smooth()` using method = 'gam'

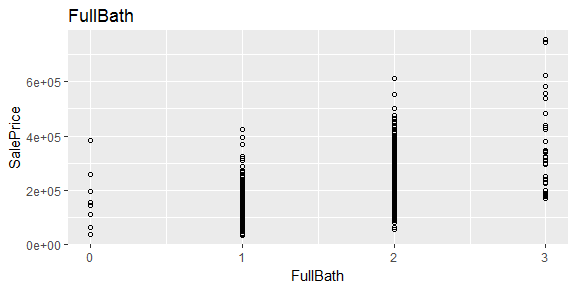
## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "17 plotting FullBath"

## `geom\_smooth()` using method = 'gam'

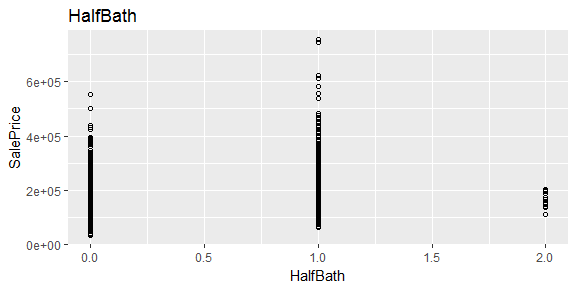
## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "18 plotting HalfBath"

## `geom\_smooth()` using method = 'gam'

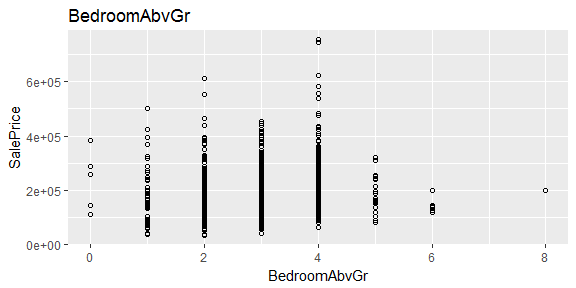
## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "19 plotting BedroomAbvGr"

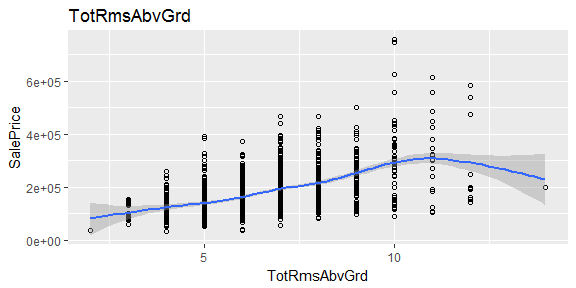
## `geom\_smooth()` using method = 'gam'

## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "20 plotting TotRmsAbvGrd"

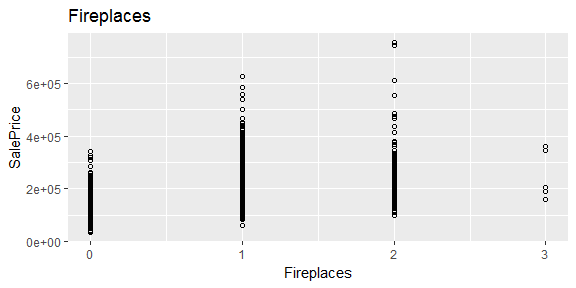
## `geom\_smooth()` using method = 'gam'



## [1] "21 plotting Fireplaces"

## `geom\_smooth()` using method = 'gam'

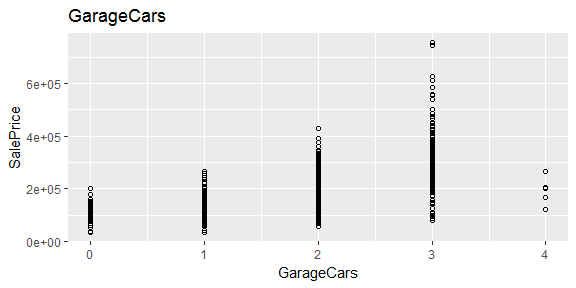
## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "22 plotting GarageCars"

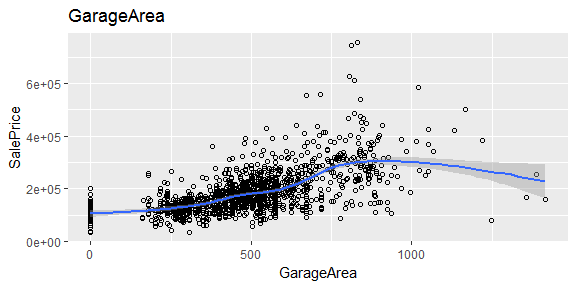
## `geom\_smooth()` using method = 'gam'

## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



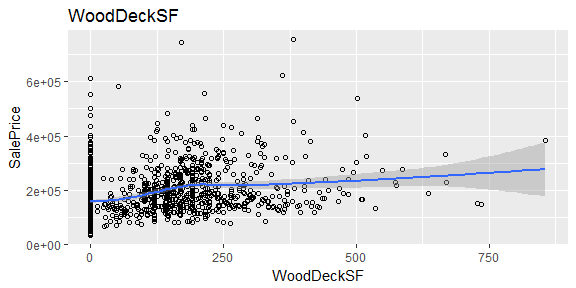
## [1] "23 plotting GarageArea"

## `geom\_smooth()` using method = 'gam'



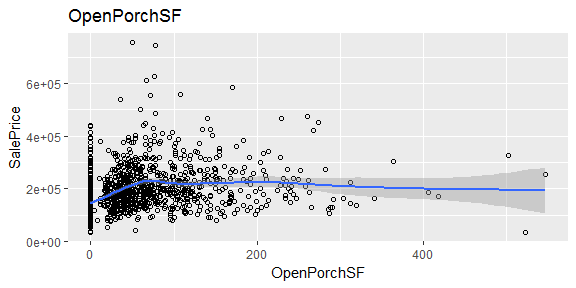
## [1] "24 plotting WoodDeckSF"

## `geom\_smooth()` using method = 'gam'



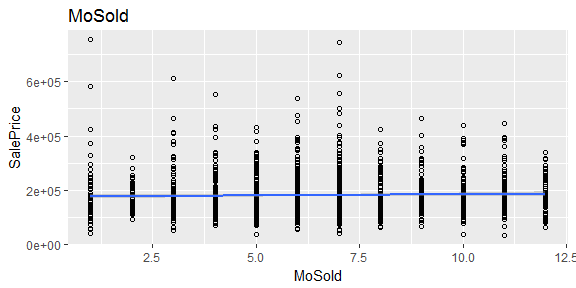
## [1] "25 plotting OpenPorchSF"

## `geom\_smooth()` using method = 'gam'



## [1] "26 plotting MoSold"

## `geom\_smooth()` using method = 'gam'



## [1] "27 plotting YrSold"

## `geom\_smooth()` using method = 'gam'

## Warning: Computation failed in `stat\_smooth()`:  
## x has insufficient unique values to support 10 knots: reduce k.



## [1] "28 plotting SalePrice"

## `geom\_smooth()` using method = 'gam'

