Column Definitions

* id
  + ID number
* diagnosis
  + The diagnosis of breast tissues (M = malignant, B = benign)
* radius\_mean
  + mean of distances from center to points on the perimeter
* texture\_mean
  + standard deviation of gray-scale values
* perimeter\_mean
  + mean size of the core tumor
* area\_mean
* smoothness\_mean
  + mean of local variation in radius lengths
* compactness\_mean
  + mean of perimeter^2 / area - 1.0
* concavity\_mean
  + mean of severity of concave portions of the contour
* concave points\_mean
  + mean for number of concave portions of the contour
* symmetry\_mean
* fractal\_dimension\_mean
  + mean for "coastline approximation" - 1
* radius\_se
  + standard error for the mean of distances from center to points on the perimeter
* texture\_se
  + standard error for standard deviation of gray-scale values
* perimeter\_se
* area\_se
* smoothness\_se
  + standard error for local variation in radius lengths
* compactness\_se
  + standard error for perimeter^2 / area - 1.0
* concavity\_se
  + standard error for severity of concave portions of the contour
* concave points\_se
  + standard error for number of concave portions of the contour
* symmetry\_se
* fractal\_dimension\_se
  + standard error for "coastline approximation" - 1
* radius\_worst
  + "worst" or largest mean value for mean of distances from center to points on the perimeter
* texture\_worst
  + "worst" or largest mean value for standard deviation of gray-scale values
* perimeter\_worst
* area\_worst
* smoothness\_worst
  + "worst" or largest mean value for local variation in radius lengths
* compactness\_worst
  + "worst" or largest mean value for perimeter^2 / area - 1.0
* concavity\_worst
  + "worst" or largest mean value for severity of concave portions of the contour
* concave points\_worst
  + "worst" or largest mean value for number of concave portions of the contour
* symmetry\_worst
* fractal\_dimension\_worst
  + "worst" or largest mean value for "coastline approximation" - 1