

Serial_no.	Attribute	Type	Missing Values	Distinct Values	Unique Values	min	max	std dev	Label	Count	Description
1	id	Numeric	0	569	569	8670	911320502	125020585.6	-	-	ID number
2	diagnosis	Nominal	-	-	-	-	-	-	M (malignant)	212	The diagnosis of breast tissues
									B (benign)	357	
3	radius_mean	Numeric	0	456	359	9.981	28.11	3.524	-	-	Mean of distances from center to points on the perimeter
4	texture_mean	Numeric	0	479	398	9.71	39.28	4.301	-	-	Standard deviation of gray-scale values
5	perimeter_mean	Numeric	0	522	478	43.79	188.5	24.299	-	-	Mean size of the core tumor
6	area_mean	Numeric	0	539	510	143.5	2501	351.914	-	-	Mean area of the core tumor
7	smoothness_mean	Numeric	0	474	404	0.053	0.163	0.014	-	-	Mean of local variation in radius lengths
8	compactness_mean	Numeric	0	537	507	0.019	0.345	0.053	-	-	Mean of perimeter^2 / area - 1.0
9	concavity_mean	Numeric	0	537	517	0	0.427	0.08	-	-	Mean of severity of concave portions of the contour
10	concave points_mean	Numeric	0	542	527	0	0.201	0.039	-	-	Mean for number of concave portions of the contour
11	symmetry_mean	Numeric	0	432	327	0.106	0.304	0.027	-	-	
12	fractal_dimension_mean	Numeric	0	499	434	0.05	0.097	0.007	-	-	Mean for "coastline approximation" - 1
13	radius_se	Numeric	0	540	513	0.112	2.873	0.277	-	-	Standard error for the mean of distances from center to points on the perimeter
14	texture_se	Numeric	0	519	437	0.36	4.885	0.552	-	-	Standard error for standard deviation of gray-scale values
15	perimeter_se	Numeric	0	533	499	0.757	21.98	2.022	-	-	Standard error for mean size of the core tumor
16	area_se	Numeric	0	528	491	6.802	542.2	45.491	-	-	Standard error for mean area of the core tumor
17	smoothness_se	Numeric	0	547	525	0.002	0.031	0.003	-	-	Standard error for local variation in radius lengths
18	compactness_se	Numeric	0	541	516	0.002	0.135	0.018	-	-	Standard error for perimeter^2 / area - 1.0
19	concavity_se	Numeric	0	533	508	0	0.369	0.03	-	-	Standard error for severity of concave portions of the contour
20	concave points_se	Numeric	0	507	459	0	0.053	0.006	-	-	Standard error for number of concave portions of the contour
21	symmetry_se	Numeric	0	498	437	0.008	0.079	0.008	-	-	
22	fractional dimesnion_se	Numeric	0	545	521	0.001	0.03	0.003	-	-	Standard error for "coastline approximation" - 1
23	radius_worst	Numeric	0	457	372	7.93	36.04	4.833	-	-	"worst" or largest mean value for mean of distances from center to points on the perimeter
24	texture_worst	Numeric	0	511	455	12.02	49.54	6.146	-	-	"worst" or largest mean value for standard deviation of gray-scale values
25	perimeter_worst	Numeric	0	514	462	50.41	251.2	33.603	-	-	"worst" or largest mean size of core tumor
26	area_worst	Numeric	0	544	519	185.2	4254	569.357	-	-	"worst" or largest mean area of core tumor
27	smoothness_worst	Numeric	0	411	289	0.071	0.223	0.023	-	-	"worst" or largest mean value for local variation in radius lengths
28	compactness_worst	Numeric	0	529	491	0.027	1.058	0.157	-	-	"worst" or largest mean value for perimeter^2 / area - 1.0
29	concavity_worst	Numeric	0	539	522	0	1.252	0.209	-	-	"worst" or largest mean value for severity of concave portions of the contour
30	concave points_worst	Numeric	0	492	435	0	0.291	0.066	-	-	"worst" or largest mean value for number of concave portions of the contour
31	symmetry_worst	Numeric	0	500	437	0.157	0.664	0.062	-	-	
32	fractional_dimension_worst	Numeric	0	535	502	0.055	0.207	0.018	-	-	"worst" or largest mean value for "coastline approximation" - 1