Display the first few rows

pelvic_incidence pelvic tilt lumbar_lordosis_angle sacral_slope \

0	63.027817	22.552586	39.609117	40.475232
1	39.056951	10.060991	25.015378	28.995960
2	68.832021	22.218482	50.092194	46.613539
3	69.297008	24.652878	44.311238	44.644130
4	49.712859	9.652075	28.317406	40.060784

pelvic_radius degree_spondylolisthesis pelvic_slope Direct_tilt \

0	98.672917	-0.254400	0.744503	12.5661
1	114.405425	4.564259	0.415186	12.8874
2	105.985135	-3.530317	0.474889	26.8343
3	101.868495	11.211523	0.369345	23.5603
4	108.168725	7.918501	0.543360	35.4940

thoracic_slope cervical_tilt sacrum_angle scoliosis_slope Status

0	14.5386	15.30468	-28.658501	43.5123 Abnormal	
1	17.5323	16.78486	-25.530607	16.1102 Abnormal	
2	17.4861	16.65897	-29.031888	19.2221 Abnormal	
3	12.7074	11.42447	-30.470246	18.8329 Abnormal	
4	15.9546	8.87237	-16.378376	24.9171 Abnormal	

View column names

dtype='object')

Check the shape of the data (310, 13)

Summary information

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 310 entries, 0 to 309

Data columns (total 13 columns):

Column Non-Null Count Dtype

--- -----

0 pelvic_incidence 310 non-null float64

1 pelvic tilt 310 non-null float64

2 lumbar_lordosis_angle 310 non-null float64

3 sacral_slope 310 non-null float64

4 pelvic_radius 310 non-null float64

5 degree_spondylolisthesis 310 non-null float64

6 pelvic_slope 310 non-null float64

7 Direct_tilt 310 non-null float64

8 thoracic_slope 310 non-null float64

9 cervical_tilt 310 non-null float64

10 sacrum_angle 310 non-null float64

11 scoliosis_slope 310 non-null float64

12 Status 310 non-null object

dtypes: float64(12), object(1)

memory usage: 31.6+ KB

None

Summary statistic for numerical data

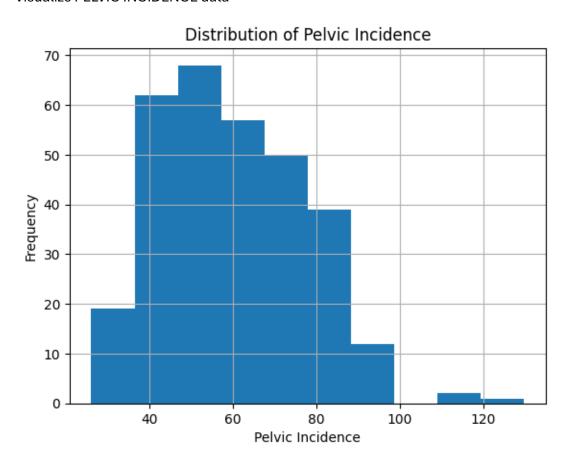
pelvic_incidence pelvic tilt lumbar_lordosis_angle sacral_slope \				
count	310.000000 310.000000	310.000000 310.000000		
mean	60.496653 17.542822	51.930930 42.953831		
std	17.236520 10.008330	18.554064 13.423102		
min	26.147921 -6.554948	14.000000 13.366931		
25%	46.430294 10.667069	37.000000 33.347122		
50%	58.691038 16.357689	49.562398 42.404912		
75%	72.877696 22.120395	63.000000 52.695888		
max	129.834041 49.431864	125.742385 121.429566		

pelvic_radius degree_spondylolisthesis pelvic_slope Direct_tilt \ count 310.000000 310.000000 310.000000 310.000000 mean 117.920655 26.296694 0.472979 21.321526 std 13.317377 37.559027 0.285787 8.639423 min 70.082575 -11.058179 0.003220 7.027000 25% 110.709196 1.603727 0.224367 13.054400 11.767934 0.475989 21.907150 50% 118.268178 75% 125.467674 41.287352 0.704846 28.954075 163.071041 418.543082 0.998827 36.743900 max

thoracic_slope cervical_tilt sacrum_angle scoliosis_slope count 310.000000 310.000000 310.000000 310.000000 mean 13.064511 11.933317 -14.053139 25.645981

std	3.399713	2.893265	12.225582	10.450558
min	7.037800	7.030600	-35.287375	7.007900
25%	10.417800	9.541140	-24.289522	17.189075
50%	12.938450	11.95383	5 -14.622856	24.931950
75%	15.889525	14.371810	3.497094	33.979600
max	19.324000	16.821080	0 6.972071	44.341200

Visualize PELVIC INCIDENCE data



Correlation Heatmap

