Column	df.show()		*] neoremApp		aset July 2018.csv',inferSc	, i		+
The content of the	Case_No  A1  A2  ts	0        0        0        0        1          0        0        0        1        1          0        0        0        1        1          0        0        0        1        1          0        0        0        1        1          1        1        1        1        1          0        0        1        1        1          0        0        1        1        0          0        0        1        1        0          0        0        0        1        1          0        0        0        0        1          0        0        0        0        1          0        0        0        0        0          1        0        0        0        0          1        0        0        0        0          1        0        0        0        0          1        0        0        0        0          1        0        0        0        0          1        0        0  <td< th=""><th>1  0  1  0  1  1  1  1  1  1  1  1  1  1  1  1  1 </th><th>28  36  36  24  20  21  33  36  22  36  17  25  15  18  12  36  12  29  12 </th><th>3  f middle eastern  4  m White European  4  m middle eastern  10  m  Hispanic  9  f White European  8  m  black  5  m  asian  6  m  asian  2  m  asian  8  m  south asian  6  m  Hispanic  8  m middle eastern  0  f middle eastern  7  f middle eastern  7  m  black  0  m middle eastern  8  f middle eastern  8  f middle eastern  7  m  black  1  m middle eastern  1  f middle eastern </th><th>yes  yes  yes  no  no  yes  yes  yes  yes  no  no  yes  yes  yes  yes  yes  yes  no  no  no  no </th><th>no  no  no  no  yes  no  no  no  no  yes  no  no  yes  no  no  no  no  no  no  no  no  no  no</th><th>family member  family member </th></td<>	1  0  1  0  1  1  1  1  1  1  1  1  1  1  1  1  1	28  36  36  24  20  21  33  36  22  36  17  25  15  18  12  36  12  29  12	3  f middle eastern  4  m White European  4  m middle eastern  10  m  Hispanic  9  f White European  8  m  black  5  m  asian  6  m  asian  2  m  asian  8  m  south asian  6  m  Hispanic  8  m middle eastern  0  f middle eastern  7  f middle eastern  7  m  black  0  m middle eastern  8  f middle eastern  8  f middle eastern  7  m  black  1  m middle eastern  1  f middle eastern	yes  yes  yes  no  no  yes  yes  yes  yes  no  no  yes  yes  yes  yes  yes  yes  no  no  no  no	no  no  no  no  yes  no  no  no  no  yes  no  no  yes  no  no  no  no  no  no  no  no  no  no	family member  family member
Transfer of the content of the conte	Case_No: integer (  A1: integer (  A2: integer (  A3: integer (  A3: integer (  A4: integer (  A5: integer (  A6: integer (  A6: integer (  A6: integer (  A7: integer (  A9: integer (  Age_Mons: integer	(nullable = true) (nullable =	e) = true) e) able = true) ullable = true e = true) 0.show()  A7', 'A8', 'A9  Assembler  Indexer Scaler NaiveBayes aryClassificat	', 'A10', 'Age		'Sex', 'Ethnicity	', 'Jaundice', '	Family_mem_with_ASD', '
The content of the	indexed=indexer.f indexed.show(5)  +++	lexer(inputCol="label   it(renamed).transform   it(r	_str", outputCo.n(renamed) ++ A8  A9 A10 Age++ 1  0  1  0  0  0  1  0  1  1  1  1  1  1  1 ++	1="label")+Mons Qchat-16+	O-Score Sex  Ethnicity  O-Score Sex  Hispanic  O-Score Sex  Ethnicity  O-Score	Jaundice Family_m  yes   yes   yes   no   no	em_with_ASD Who no  no  no  yes	completed the test Clas  family member  family member  family member  family member  family member
# Worker Addamnia   Dominist   Do	numeric_inputs=[] string_inputs=[] for column in inp if str(indexed=i new_col_n string_in else: numeric_i print('numeric_in print('string_inp numeric_inputs ['Astring_inputs ['Set  # skewness d={} for col in numeri d[col]=indexed skew=indexed skew=skew[0][ if skew>1 : indexed=i log(when( .when(ind .otherwis print(col if skew<-1 : indexed=i log(when( .when(ind .otherwis print(col print(skew)  -0.080063493888283  # Negative value minimum=min_ar df_minimum=df_min if df_minimum=df_min if df_minimum=df_min else:	cring (nullable = true e (nullable = false)  cut_columns: cd.schema[column].datastringIndexer(inputColumexer.fit(indexed).clame=column+"_num" cuts.append(new_col_clame=column)clats',numeric_inputs cuts',numeric_inputs cuts',string_inputs)  al', 'A2', 'A3', 'A4' ex_num', 'Ethnicity_n  agg(skewness(indexed) col_cinputs: agg(skewness(indexed) col_cinputs: agg(skewness(indexed) col_cinputs: agg(skewness(indexed) col_cinputs: agg(skewness(indexed) col_cinputs: agg(skewness(indexed) col_col_col_[0],d[clated[col]] ce(indexed[col]) +1).clated[col] clexed[col]>d[col][1],clated[col][1],clated[col]>d[col][1],clated[col]] clexed[col]>d[col][1],clated[col][1],clated[col]] clexed[col]>d[col][1],clated[col]] clexed[col]>d[col][1],clated[col] clexed[col]>d[col][1],clated[col]] clexed[col]>d[col][1],clated[col] clexed[col	aType)=='String l=column, output ransform(index name)  , 'A5', 'A6', um', 'Jaundice  [col][0])\ [col][0])\ alias(col)) ewness.(skew=)  l, \ col][0])\ alias(col)) wness.(skew=)" lassifier will  lassifier will	"A7', 'A8', 'Anum', 'Family  ", skew, ")")  ", skew, ")")  umns if c in ras("mins")) s)).collect()	A9', 'A10', 'Age_Mons', 'Qo y_mem_with_ASD_num', 'Who o	ompleted the test		
0.0[[27,[1.4,6,7,8,9,]   1.0[[27,[6,9],9,1,1,3]]   0.0[[2800,0,1800,0,180]   0.0[[2800,0,1800,0,180]   0.0[[2800,0,1800.0],0,1]   0.0[[2800,0,1800.0],0,1]   0.0[[2800,0,1800.0],0,1]   0.0[[2800,0,1800.0],0,1]   0.0[[2800,0,1800.0],0,1]   0.0[[27,[10,12],13,1]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],124.6],7]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],1280]   0.0[[27,[10,12],4.6,7]   0.0[[27,[10,12],4.6,7]   0.0[[27,[10,13],1280]   0.0[[27,[10,13],12	# Vector Assemble features_list=num assembler=VectorA output=assembler. output.show(5, Fal  +	er (inputCol="feature: scaled to range: [%f, %er.fit(output) erModel.transform(out  data.select('label' data.withColumnRename eraures  caled to range: [%f, %er.fit(output) erModel.transform(out  data.withColumnRename eraures  caled to range: [%f, %er.fit(output) erModel.transform(out  data.withColumnRename eraures  caled to range: [%f, %er.fit(output) erModel.transform(out  data.withColumnRename eraures  caled to range: [0.000000, 10 caled to range: [0.000000] eraures  caled to range: [0.00000	dataframe.  nputs eatures_list,ore elect('feature: .0,28.0,3.0,10,36.0,4.0,1. 0,1.0,36.0,4.0 1.0,24.0,10.0, 1.0,20.0,9.0,1  s",outputCol=": ff]" %(scaler.	utputCol='feats','label')  0,2.0,1.0]) 0]) ,2.0,1.0]) 0.0,5.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,0.0,				
0 0 [-23837 879111670	0.0 (17,[1,4,6,   1.0 (17,[6,9,16]   0.0 [1000.0,106]   0.0 [1000.0,106]   0.0 [1000.0,106]   1.0 (17,[10,13]   0.0 (17,[0,1,2,   1.0 (17,[0,1,2,   1.0 (17,[0,4,9,   0.0 (17,[0,1,2,   1.0 (1	7,8,9,  9,11,13  90.0,10  90.0,10  13,14]  90.0,10  1,[250  4,6,7,  15],[1  90.0,10  10,11,  4,6,7,  110,11,  120 rows  Definition of the stature	70,0.30])  tion','probabi  robability pre  [1.0,0.0]  [1.0,0.0]  [1.0,0.0]  [1.0,0.0]  [1.0,0.0]  [1.0,0.0]  [1.0,0.0]  [1.0,0.0]	lity','predict+ diction + 0.0  0.0  0.0  0.0  0.0  0.0  0.0  0.0	cion').show()			