1 1 1	Patiential Apointmential
11]: h 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10527 rows × 14 columns Patientid Appointmentid Gender ScheduledDay AppointmentDay Age Neighbourhood Scholarship Hipertension Diabete Alcoholism Handcap SMS_received No-show
]: h]: h h h h D	nospital_data.columns index(['PatientId', 'AppointmentID', 'Gender', 'ScheduledDay',
d	# Column Non-Null Count Dtype 1
c	Patiential Appointmentib Appointmental Appointmentib Appointmental Appointmentib Appointmentib Appointmentib Appointmentib Appoi
P A G S A A N S H D A H S N	ActientId 0 AppointmentID 0 AppointmentDay 0 AppointmentD
E A G S A A N S H D A H S N d	respital_data.nunique() restientId 61744 respointmentID 119527 resender 2 respointmentDay 103549 respointmentDay 27 respointmentDay 27 respointmentDay 27 respointmentDay 27 respointmentDay 27 respointmentDay 28 respointmentDay 29 respointmentDay 29 respointmentDay 20 respointme
	'SMS_received', 'No_show']] for i in hospital_data1.columns: plt.figure(figsize=(15,6)) sns.countplot(hospital_data1[i], data = hospital_data1, palette='hls') plt.show() 70000 - 60000 - 50000 - 60000
	3000 - 20000 - 10000 - F Gender M
tuino	60000 - 40000 - 20000 - 1
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: h	No_show
1 1 1 11 : h	### PatientId AppointmentID Age ###################################
1	80000 60000 30000 30000 10000
1	60000 40000
: h p p p	nospital_data2.No_show.value_counts().plot.bar(color=['green', 'red']); plt.xlabel("showing up") plt.ylabel("count") plt.show() ratio of attendence 80000 -
: p	showing up olt.figure(figsize=(15,6)) sns.countplot('No_show', hue = 'Gender', data = hospital_data2, palette='hls') olt.sticks(rotation = 90) olt.show() Gender F
tunos	50000 - 40000 - 20000 - 10000 - 20000
s p p p	No_show Olt.figure(figsize=(15,6)) sns.countplot('No_show', hue = 'Scholarship' , data = hospital_data2, salette='hls') slt.xticks(rotation = 90) blt.show() Scholarship 60000 50000
s p p	30000 - 20000 - 10000
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s p p p	No_show No_
: p	and the state of t
p	11. show() 8000 -
s p p	No_show Dit.figure(figsize=(15,6)) Show Show', hue = 'SMS_received', data = hospital_data2, Shalette='hls') Shit.xticks(rotation = 90) Shit.show() Shit.show()
: p	40000 - 20000
e e e p p	olt.figure(figsize=[20,20]) a hospital_data2.groupby(['Neighbourhood','No_show']).size().unstack() a.Yes.plot(kind='bar', alpha=.5, color = 'red', label= 'no show') a.No.plot(kind='bar', alpha=.5, color = 'green', label= 'show') blt.tigend() blt.title("The relation between neighbourhood and showing up") blt.xlabel("Neighbourhood") blt.ylabel("patients") blt.show() The relation between neighbourhood and showing up 6000 -
	5000 -
shents	
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	0 20 40 60 80 100 120
Q Q I I u a a a 6 6 6 7 9 N	nospital_age= hospital_data2['Age'] 33 = hospital_age.quantile(0.75) 12 = hospital_age.quantile(0.25) 13 = hospital_age.quantile(0.25) 14 = Nospital_age.quantile(0.25) 15 = Nospital_age.quantile(0.25) 16 = Q3-Q1 16 = Q3-
: u : 1 : h : h	Apper_limit
: p	Hypertension -0.006492
	Age - 0.0042
: 0 1 2 3 4 : f 1 h h	Patientid AppointmentiD Gender ScheduledDay AppointmentDay Age Neighbourhood Scholarship Hypertension Diabetes Alcoholism Handicap SMS_received No_show 0.2.987250e+13 5642903 F 2016-04-29T18:38:08Z 2016-04-29T00:00:00Z 62 JARDIM DA PENHA 0 1 0 0 0 0 0 No 2. 4,262960e+12 5642503 M 2016-04-29T16:09:27Z 2016-04-29T00:00:00Z 62 MATA DA PRAIA 0 0 0 0 0 0 No 2. 4,262960e+12 5642549 F 2016-04-29T17:29:31Z 2016-04-29T00:00:00Z 8 PONTAL DE CAMBURI 0 0 0 0 0 No 3. 8,841190e+12 5642494 F 2016-04-29T16:07:23Z 2016-04-29T00:00:00Z 56 JARDIM DA PENHA 0 1 1 0 0 0 No 4,841190e+12 5642494 F 2016-04-29T16:07:23Z 2016-04-29T00:00:00Z 56 JARDIM DA
1 1 1 N	
: I	<pre>dtype='object') k = hospital_data_new[['Gender', 'Scholarship', 'Hypertension','Diabetes', 'Alcoholism', 'Handicap', 'SMS_received']]</pre>