0 1 2 3 4  1936753 1936754 1936755 1936756	0 2008 1 2008 2 2008 4 2008 5 2008 7009710 2008 7009717 2008 7009726 2008 7009727 2008	3 1 3 1 3 1 3 1 3 1 3 1 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2	3 3 3 3 13 13 13 13	4 2003 4 754 4 628 4 1829 4 1940 6 1250 6 657 6 1007 6 1251 6 1110	.0 735 .0 620 .0 1755 .0 19150 1220 .0 600 .0 847 .0 1240	1002.0 804.0 1959.0 2121.0  1617.0 904.0	2225 1000 750 1925 2110 1552 749 1010 1437 1418	WN WN WN WN WN DL DL DL DL	5.0 3.0 3.0 4.0  9.0 15.0 8.0	8.0 10.0 17.0 10.0 10.0  18.0 34.0 32.0 13.0 11.0		N N N N N N N N N N N N N N N N N N N	0 0 0 0  0 0 0	
arr = p nouArr= arr1 = nouArr1 subset subset2	= arr1.head( = df.head(20 =df.head(10)	ts(df['ArrI ) nts(df['Un: 20) ) ts(df['ArrI	Delay']) iqueCarrier'] Delay'],['Dep											
<pre>len(df[ pd.valu plot =</pre>	'UniqueCarri e_counts(df[ df['UniqueCa	er']) 'UniqueCarı rrier'].vai	que Carrier) rier']) lue_counts(). sing Matplotl	title='Un	ique Carrier'	, color =	'red', width =	= 0.9)						
350000 - 300000 - 250000 -														
150000 - 100000 - 50000 -	WA AA MQ		W 00 E		л — — — — — — — — — — — — — — — — — — —		A T B							
plt.sav	refig("Plot 2 Un	una varial ique Carrier  AA  9.91	alue_counts() ble categoric WN	figsize=( title='Un a.jpg")	fpie', autopo 6, 6), ique Carrier'									
pd.valu	co us variable numè e_counts(nou	Arr)												
<pre>plot = print(p  plt.sav</pre>	nouArr.plot(	kind = 'ba		Arr Delay	olor = 'y', w	vidth = 0.9	9)							
25000 - 20000 - 15000 - 10000 -														
plt.sca	tter(subset[		], subset['De erica 2.jpg")	pTime'])	3.0	17.0	19.0							
1800 — 1600 — 1400 —				•	•	•	•							
plt.plc	t(subset['Ar	rDelay'] ,i	20 na categòrica label='ArrDel	ay')	i UniqueCarri	60 (er)	80							
plt.xla plt.yla plt.tit plt.gri plt.leg	<pre>bel('ArrDela bel('UniqueC le('Dues var d(True) end()</pre>	y') arrier') iables dife	r'], label=' erent tipus') èrica i una c  Dues		pg")		— ArrDelay — UniqueCarrier							
UniqueCarrier														
x = np. y = np.	ariables num arange(0, 30 arange(0,500	èriques (Al 000, 1500) 00, 2500)	.0 7.5	10.0 ArrDelay	12.5	15.0	17.5							
plt.suk plt.sav  C:\Users e only v warnin C:\Users e only v	replot(y, nou plots_adjust refig("Dues v s\pauso\anaco valid position rgs.warn( s\pauso\anaco	Arr3) (bottom= 1 ariables nu inda3\lib\s inal argume inda3\lib\s	nt will be `d ite-packages\	seaborn\_deata`, and p	assing other corators.py:	arguments 36: Future	Warning: Pass without an ex Warning: Pass without an ex	olicit key the follow	yword wi wing var	ll result iables as	in an error	r or misinte gs: x, y. Fr	rpretatio om versio	on on
90000 80000 70000														
90000 50000 40000														
sns.his sns.his plt.leg	<pre>tplot(data=s end() w()</pre>	ubset, x="/ ubset, x="I	ArrDelay", co DepDelay", co umeriques.jpg	lor="red",	30000 e", label="Ar label="Dep De	r Delay",	kde=True) =True)							
10 8 6							Dep Delay							
2 0 -20			20	40 ArrDelay	60		80							
g = sns dat x=' ci= ) g.despi g.set_a	ne(left <b>=True</b> xis_labels("	nd="bar", ="DepDelay' e="dark", a ) ArrDelay",												
00 — Dep Delay — 00 — 00 — 00 — 00 — 00 — 00 — 00 —														
#Tres v	rariables	ArrDel	'DepDelay',hu		Carrier' ,dat	a= subset	)							
80 DepDelay 40 20 0		•		UniqueCarrier  WN										
plt.plc plt.plc a= np.a plt.plc	variables ( t( x, 'ArrDe t(y, 'DepDel range(10, 20	lay', data ay', data 000, 1000) eCarrier',	DepDelay i Un a=subset, mar =subset, mark data=subset,	ker='o', ma er='', colo	rkerfacecolor r=' <mark>olive</mark> ', li	newidth=2	markersize=12, ) dth=2, linestyl				n=4)			
	tres variab	elay', y=	20000  lay, DepDelay 'DepDelay', hu ables.jpg")	, AirTime i e = 'AirTim	30000  UniqueCarrie e' , col='Uni	40000 er) equeCarrie	r',data= subset	-)						
#Més de	efig("Més de		/N	AirTime										
#Més de sns.lmp	efig("Més de	queCarrier = W		47.0 49.0 50.0 76.0 77.0 87.0 106.0 107.0 110.0 113.0 116.0										