# We df = df	open('File We load thata = json	t in a datai	data-130k-v2 of the file frame using description Aromas include tropical fruit, broom,	2.json') as	s f: caFrame e taste	r_twitter		price NaN	designation Vulkà Bianco	variety White Blend	region_1
	1 87 2 87 3 87	Quinta dos Avidagos 2011 Avidagos Red (Douro) Rainstorm 2013 Pinot Gris (Willamette Valley) St. Julian 2013 Reserve Late Harvest Riesling	brimston This is ripe and fruity, a wine that is smooth Tart and snappy, the flavors of lime flesh and Pineapple rind, lemon pith and orange		er		ossroger aulgwine None	15.0 14.0 13.0	Avidagos None Reserve Late Harvest	Portuguese Red Pinot Gris Riesling	None Willamette Valley Lake Michigan Shore
12996			Much like the regular bottling from 2012, this Notes of honeysuckle and cantaloupe sweeten th	Paul Gregut	 	@p:	aulgwine None	65.0	Vintner's Reserve Wild Child Block Brauneberger Juffer- Sonnenuhr Spätlese	Pinot Noir Riesling	Shore Willamette Valley
12996 12996	3 90 (Citation 2004 Pinot Noir (Oregon) Domaine Gresser 2013 Kritt Gewurztraminer (Als Domaine Marcel Deiss 2012 Pinot Gris (Alsace)	Citation is given as much as a decade of bottl Well-drained gravel soil gives this wine its c A dry style of Pinot Gris, this is	Poger Vos	s	@v	aulgwine ossroger ossroger	75.0 30.0 32.0	None Kritt None	Pinot Noir Gewürztraminer Pinot Gris	Oregor Alsace
#Don' #df = #df	o 90 rows × 13 (t forget to pd.read_to	(Alsace) Domaine Schoffit 2012 Lieu-dit Harth Cuvée Car	crisp with Big, rich and off-dry, this is powered by inte	Roger Vos client want ata-130k-v2	s: ?.json')	ossroger	21.0	Lieu-dit Harth Cuvée Caroline	Gewürztraminer	Alsace
df_2	Unnamed	d: country o		designation Martha's Vineyard Carodorum Selección Especial Reserva	points		provin Califord Northe Spa	nia Na ern	region_1 reg pa Valley Toro	gion_2 varie Napa Cabern Sauvigno NaN Tinta o	et H
	3	2 US r 3 US 4 France	are Mac Watson honors the memory of a wine once ma This spent to months in 30% new French oak, an This is the top wine from La Bégude,	Special Selected Late Harvest Reserve	96 96	90.0 65.0 66.0	Californ Oreg Proven	Jon W	valley	onoma Sauvigno Blar amette Valley Pinot No NaN Proveno red bler	on Macau oir Po
15092		 5 Italy 6 France	Bégude, named aft Many people feel Fiano represents southern Ita Offers an intriguing nose with ginger, lime an This classic	 NaN Cuvée Prestige	91 91	20.0	Southe	 ern aly	 Fiano di Avellino	rea bier	me H Germ
15092 15092	3 15092 3 15092	7 Italy 8 France 9 Italy	example	Ferre di Dora Grand Brut Rosé NaN	91		Champag Iortheaste	aly gne Ch	Fiano di Avellino ampagne Ilto Adige	NaN Whi Bler NaN Champagr Bler NaN Pinot Grig	ne Gos
Once Volume of the definition	Lumns (['points' 'taster_ 'region_ dtype='ok	th dataframes ', 'title', twitter_han 2', 'provin	'description de', 'prion de', 'count de l', 'count de l', 'description de l', 'prion de l', 'prion de l', 'prion de l', 'prion de l', 'count de l', 'count de l', 'count de l', 'description de l', 'description de l', 'description de l', 'count de l', 'description de	on', 'taste ce', 'desig cry', 'wine	r_name nation ry'], 'design	', ', 'var nation'	iety',	ts',			
We ge	a singlemns: Constitution of the constitution	e datafra country, columns that the columns = ['country	ame that designate task asks for that We want of the designate of the desi	is the usion, point or from the relation, 'point and copy make a copy	union nts, p esulting	of boorice,	oth fil state ne from t	es tle, will	nat only nery.	has the fol	·
	6 Germany		Reserve I		87 87 87 87 87 87 90		icily & Sar C Or Micl Or	Douro regon higan regon	Or. H. Thanisch	Quinta dos Avi Rair St. Sweet C	Julian Cheeks
12996 12996 12997 129971 We do	France France France rows × 6 counter the same v	Lie olumns vith the secon	eu-dit Harth Cu nd dataframe	None Kritt None vée Caroline	90 90 90 90	75.0 30.0 32.0 21.0	Or A A	regon Isace Isace Isace			itation resser Deiss choffit
df_4	country US Spain US US US France	Carodorum Se	de: Martha's lección Especia ial Selected Lat	signation po Vineyard	96 23 96 11 96 9 96 6 95 6	35.0	Califo	ornia Spain E ornia egon ence	Bodega Carmen Domaine de Feudi di Sa	Macauley Ponzi la Bégude 	
15092 15092 15092 150930 #Fina df_fi df_fi	France Italy France Italy rows × 6 c	columns ify both dat concat([df_3	Grand taframes. df_4])	e Prestige re di Dora Brut Rosé NaN	91 2 91 2 90 5 90 1	27.0 20.0 52.0 15.0 Nor	Champa Southern Champa theastern	agne Italy agne Italy	Alo	H.Germain Terredora Gosset is Lageder	
15092	country Italy Portugal US US US US US US US France	R Vintner's Rese	Vulkà Bi Avid Reserve Late Ha erve Wild Child I Cuvée Pre	lagos 87 None 87 rvest 87 Block 87 NaN 91 estige 91	NaN 15.0 14.0 13.0 65.0 20.0 27.0	Sicily &	ampagne	Quin	winery Nicosia ta dos Avidagos Rainstorm St. Juliar Sweet Cheeks di San Gregorio H.Germain		
15092 15092 15092 28090 We co	7 Italy B France Italy rows × 6 compare if the	columns e number of ro [0] == df_3.	Terre di Grand Brut Dws of the fina	Dora 91 Rosé 90 NaN 90 al dataframe	20.0 52.0 15.0 is equa	Sout Ch Northeas	hern Italy ampagne stern Italy		Terredora Gosse Alois Lagede	a t	
Are We see #This #This n_row #Show dupli	is the factorial = sthe dup.	duplicate row inal version will be use df_final.sh licate rows df_final[d	of this experience of the file dif_final.dup	<pre>xercise to see if t e plicated()]</pre>	the eli	minatic	n of du				
	country US Spain Spain Spain Spain Spain	ore clearly sort_values (design Cabernet Sauv	nation points NaN 88 Brut 86	price pr NaN Wasl 13.0 Ca 18.0 Ca 13.0 Ca 16.0 Ca	ovince	wine '37 Cella 1+1= 1+1= 1+1=	ry rs -3 -3 -3 -3				
12029: 8155 2190 91274 77782 #Deledf_fidf_fi	US US US US US US Slovenia Cows × 6 co	liumns icated rows duplicates(i	NaN 92 NaN 89 Estate 89 zbrani 88	34.0 Wasl 34.0 Wasl 45.0 Wasl 20.0	nington nington nington Kras	àMauric àMauric àMauric Što	ce ce ce				
	country D Italy Portuga US US US US US US US	I S S Vintner's Res	Vulkà I Av Reserve Late H	idagos 8 None 8 larvest 8 I Block 8	7 NaN 7 15.0 7 14.0 7 13.0 7 65.0 4 40.0	Sicily	Orego Michiga Orego	ia ro Qui on an on 	winer Nicos nta dos Avidago Rainstori St. Julia Sweet Cheek Wölffe	ia os m on cs	
14963 14963 14963 203119 #Is t #equa	6 Portuga 6 Portuga 7 Argentina 7 rows × 6 c	olumns	taframe numk	ow Red 8 tawny 8 NaN 8 ame with justice of rows	4 15.0 4 NaN 4 9.0 ast the	Mendo	Californ Po za Provinc	ia ort Ca	Casa Barranc sa Santa Eufem Finca El Portill	ia	out dupl.
Mak have data #We u #alph #If t	e a stue a null frame.	dy of the	e null val	ues of te, after ulting nu	he dathet,	atase dele er of r	ows?	e res	t of the r	all the rov null values	
#If t uniqu uniqu uniqu [nan, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0	nere is an e_prices : e_prices.s e_prices	n string or = list(df_fi	a None valu	ie, sort()				J G (
9.0, 10.0 11.0 12.0 13.0 14.0 15.0 16.0 17.0 18.0 20.0 21.0											
22.0 23.0 24.0 25.0 26.0 27.0 28.0 29.0 30.0 31.0											
33.0 34.0 35.0 36.0 37.0 38.0 39.0 40.0 41.0 42.0											
44.0 45.0 46.0 47.0 48.0 49.0 50.0 51.0 52.0 53.0											
54.0 55.0 56.0 57.0 58.0 59.0 60.0 61.0 62.0											
64.0 65.0 66.0 67.0 68.0 69.0 70.0 71.0 72.0 73.0											
72.0 73.0 74.0 75.0 76.0 77.0 78.0 79.0 80.0 81.0											
81.0 82.0 83.0 84.0 85.0 86.0 87.0 88.0 89.0 90.0											
91.0 92.0 93.0 94.0 95.0 96.0 97.0 98.0 99.0) ,										
100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110.											
111. 112. 113. 114. 115. 116. 117. 118. 120. 121.											
122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132.											
143. 144. 145. 146. 147. 148. 150. 151. 152. 153.											
153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163.											
164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175.											
175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 187.											
200. 202. 203. 204. 205. 206. 207. 208. 209. 211. 212. 214.											
214. 215. 216. 217. 219. 220. 222. 224. 225. 226. 227. 228. 229.											
229. 230. 231. 234. 235. 236. 237. 238. 239. 240. 242. 243. 245.											
260. 261. 262. 265. 266. 269. 270. 271. 272. 273. 275. 276. 279.											
276. 279. 280. 281. 282. 283. 285. 286. 289. 290. 292. 293. 294.											
294. 295. 299. 300. 301. 303. 304. 305. 306. 310. 312. 314. 315.											
316. 317. 318. 319. 320. 323. 325. 328. 330. 333. 345. 349.											
345. 349. 350. 351. 353. 354. 355. 357. 369. 369.											
399. 400. 411. 412. 415. 419. 420. 425. 426. 428. 430.											
430. 440. 445. 448. 450. 451. 460. 463. 467. 468. 469.											
469. 470. 474. 475. 476. 480. 486. 495. 496. 500. 505.											
574. 575. 580. 588. 595. 596. 599. 600. 602. 617. 625. 630.											
630. 639. 650. 660. 672. 675. 685. 710. 750.											
886. 900. 932. 973. 980. 1000 1100 1125 1200 1300 1400 1500 1900 2000 2013	0, 0, 0, 0, 0, 0, 0, 0, 0,										
2000 2013 2300 2500 3300 That's Knowindf_fi	0, 0, 0, 0, how we can g this We i		N values with	zeros: eplace(np.N	JaN, 0)	,	provinc / & Sardin	ce	viner Nicos		
	D Italy Portuga US	Vintner's Res	Vulkà I Av Reserve Late H	Bianco 8 idagos 8 None 8 larvest 8 l Block 8 NaN 8	7 0.0 7 15.0 7 14.0 7 13.0 7 65.0 4 40.0 4 15.0	Sicily Sicily	/ & Sardin Dour Orego Michiga Orego	ro Qui on an on rk	Nicos nta dos Avidago Rainstori St. Julia Sweet Cheek	ia os m on cs er	
14963 14963 203119 Testing	6 Portuga 8 Argentina rows × 6 c 9 if there is	1	30-year old n our datafram	tawny 8 NaN 8	4 0.0)	Californ Po za Provinc	ort Ca	Casa Barrand sa Santa Eufem Finca El Portill	ia	
for c i objectobje	ol in df_i E(col != ' print(c	final.column	ns: L].dtype)		s (r	et no	; tv [*]				
All oth We de As Noi #Is N pd.is True	er columns cided that \ ne is consider cone consider na (None)	We will just coller a NaN valudered a NaN	value?	values the red dropna to go	on-num	nerical va	alues (No				
df_fi df_fi	country Italy Portugal US	a(axis=0, in	designa Vulkà Bi Avid	ation points ianco 87 lagos 87 rvest 87 Block 87	price 0.0 15.0 13.0 65.0	Sicily & S	Douro lichigan Oregon		winery Nicosia dos Avidagos St. Julian weet Cheeks Tandem		
		.098			15.0		-	3			
14962 14963 14963	US Portugal		Crimson C 40-year old t Bungalow 30-year old t	awny 84 v Red 84	25.0 27.0 130.0 15.0	C	ew York alifornia Port alifornia Port	С	Martha Clara Pine Ridge Poças asa Barranca anta Eufemia		

