

Cleaning the data of the seller to fetch the email id

×

Replace Values

Replace one value with another in the selected columns.

Value To Find

Replace With

Advanced options

☐ Match entire cell contents

☒ Replace using special characters

Insert special character ▾

OK Cancel

Fig(1) : Process of cleaning data

Steps to Clean or sanitize the unstructured data

Step 1:- First we have to take the csv file and we have to see whether the data is structured data or unstructured data if it is structured data then no need to clean or sanitize , but if it is not structured data then we have to clean it using the tools such as Power BI, Tableau, SQL and many more tools.

Step 2 :- Suppose if the data is not clean then first we have to import the data in the power BI then we have to transform data and from there we will clean it.

Step 3 :- In the case study the csv file was having unstructured data and in that the email part was not clean (it was in the form like email, E-Mail-Address, E-mail, e-E-mail, and many more formats) . so I convert it into the **E-Mail** format to all the email data in the seller details.

Step 4: After converting all the email data into **E-Mail** i am able to fetch the clean data. So, we will we easy to visualize.

Step 5:- In Fig(1) , you can see how to clean the data.

email
jadgemaello@gmail.com
info@1a-handelsagentur.de
webmaster@9pm-store.de
abc-markt@web.de
Geschäftsführungoffice@bauguru.at
bib.beckum@blumenbecker.com
amazon@boni-shop.com

info@deinegartenwelt.de
amazon@hockdesign.de
info@itenga.de
nils.holm@zierleyn.de
info@kabel-licht.de
info@kaiser24.shop

info@kaiser24.shop
info@kaleidoshop.de
info@kalishop.de
kundenservice@kamin-store24.de
amazon@kanana-online.de
info@kanister-vertrieb.de
koeln@party-discount.de
info@karneval-fasching-shop.de
katerrot27@aol.com
spiel-hobby-lange@t-online.de

keimfunk@yahoo.de
pvsolar-kemper.de
info@kenai-deko.de
kerima.tools@gmx.de
kerri-keramik@web.de
info@kettenbertl.de
gesthuesen@t-online.de
info@gsz24.de
info@vronis-kinderland.de
info@kiddy-hits.de

amazon@kiesundco.de
info@Klids.de
info@kimiza-duftshop.de
info@kirchner24.de
Info@kirr.gmbh
amazon@kjells.de
info@kk-dichtungstechnik.de
office@haberl.at

info@kleinschmidtgmbh.com
Info@derklempnerpeter.de
kontakt@kletterspezialisten.de
klaus.lutz@kederband.net
klodealer@aol.de
kundenservice@klura.de
mail@knobelbox.com
info@kobalz.de
info@stillger.eu
kontakt@kochmesser-shop.com
info@sl-handels-gmbh.de
info@fischfuttertreff.de
Shop@koi-schneidewind.de
leonhardt@koi-herdecke.de
info@koiwelt-berlin.de
info@koizentrale.de
webshop.knapp@aol.de
redaktion@konfitee.de

info@kontur-pur.de
aquaPro2000@hotmail.de
kos24@t-online.de
info@kotte-zeller.de
service@krasatools.com
epd-group@gmx.de
schachkri@aol.com
info@ks-graphik.de
Service@KS-Germany.com

info@ksells.de
ksj.shop@web.de
info@ktc-tec.de
service@kti-gmbh.de
buchfink.britte.fink@gmail.com
info@ast-mediaevent.de
service@kurzwaren-profi.de
kvm-janke@web.de
info@kusnezov.de
verkauf@luxzina.com
amazon@kuetec.de

verkauf@lacabanita.de
amazon@urnitsch.at
info.lacomit@tlctrading.de

amazon@handelspark.de

amazon@saku-system.de

info@landkaufhausmayer.de

amazon@pauli-parts.de

info@petras-topshop.de

support@roehrs-baumarkt.de

info@shop-ar.de

thomas@sitzkultur-bocholt.de

support@tabakring.de

sales@tacopsgear.de

info@zhe-online.de

info@rosis-garten.de
info@teichbedarf24.de

service@teppichcenter24.de
info@teppichmax.de
amazon@teppichversand24.de
info@terma.de

info@terradoomi.de

info@tevala.eu
info@texmaxx.de
info@textilpoint24.de
info@textimo.de

amazon@toydealer.de

service@toys4all.de

info@matten-shop.de

amzseller@tradego24.com

info@trag-das.de

travellers.world@ewe.net

info@trekvogel.de

info@trendaffe.de

support@trendmile.com

office@brunnenwelt.eu
info@trotec24.com

info@tshirt-people.com
T-Shirts-Kissen-Geschenke@gmx.de

amazon@ttt-filmservice.de

info@tuga-holztech.de

shop@tunnelstore.de

wernerkrueger2@aol.com

info@fairmarkt24.de

info@furtwaengler.eu
info@sushk.de

info@versandlounge.de

info@lenkgetriebe.net
simon@vershy24.eu

shop@violadirekt.eu
info@vida-home.de

amazon@posterdepot.de

office2@wamat.de
anfrage@abs-werbestudio.de

info@wasserflora.de

wasserpflanzen@t-online.de

info@wdatecs.de

amazon@welovebags.de

amazon@webavita.de
amazon.webbomb@msg.afterbuy.de

info@wedis-homeshop.de

info@schreibwaren-wegmann.de

weibo.manufakturen@gmail.com

shop@weidezaun.info

office@w-mtools.de
amazon@wohn-idee24.de
shop@wohnraum-berger.de
info@wolldiscount24.com
info@highlight-led.de
info@wortek.de
amazon@wtnord.de

sales@zombolo.de
info@zoobamboo.de
info@zoo-bue-pet.de
info@zooheld.de
info@zooshop-online.com

Cleaning the data of the location to fetch the country code

Extract Last Characters

Enter how many ending characters to keep.

Count

OK

Cancel

We have to clean the data from the location or address because we have to fetch the country code of the location

This will give you the business locations of the sellers. You can parse them to identify if a seller is registered in the US, Germany (DE), or China (CN).

	businesslocation of seller
1	US
2	DE
3	CN
4	CN
5	CN
6	
7	CN
8	CN
9	CN
10	CN
11	CN
12	CN
13	CN
14	CN
15	DE
16	CN
17	CN
18	CN
19	CN
20	DE
21	IE
22	AT
23	US
24	DE
25	DE
26	DE
27	US

28	ES
29	CN
30	CN
31	DE
32	US
33	US
34	US
35	DE
36	IE
37	DE
38	DE
39	CN
40	CN
41	DE
42	CN
43	CN
44	CN
45	CN
46	CN
47	CN
48	CN
49	CN
50	CN
51	CN
52	DE
53	CN
54	DE

	A ^B _C businesslocation of seller
55	DE
56	PL
57	DE
58	
59	DE
60	DE
61	DE
62	CN
63	DE
64	CN
65	DE
66	GB
67	GB
68	IT
69	CN
70	DE
71	DE
72	DE
73	
74	
75	CN
76	DE
77	CN
78	CN
79	FR
80	CN
81	CN

	A ^B _C businesslocation of seller
82	GB
83	CN
84	CN
85	CN
86	DE
87	CN
88	CN
89	CN
90	DE
91	DE
92	DE
93	CN
94	CN
95	CN
96	DE
97	CN
98	CN
99	DE
100	
101	DE
102	DE
103	DE
104	CN
105	CN
106	CN
107	CN
108	DE

	A ^B _C businesslocation of seller
109	DE
110	CN
111	DE
112	DE
113	CN
114	DE
115	DE
116	DE
117	
118	DE
119	IT
120	CN
121	DE
122	CN
123	GB
124	CN
125	DE
126	CN
127	DE
128	DE
129	CN
130	DE
131	CN
132	SE
133	ES
134	CN
135	DE

136	CN
137	DE
138	CN
139	CN
140	DE
141	DE
142	AT
143	DE
144	DE
145	DE
146	DE
147	DE
148	CN
149	DE
150	AT
151	DE
152	DE
153	DE
154	CN
155	DE
156	DE
157	DE
158	DE
159	DE
160	DE
161	DE
162	DE

	A ^B _C businesslocation of seller
163	DE
164	DE
165	DE
166	DE
167	CN
168	DE
169	DE
170	CN
171	DE
172	CN
173	ES
174	GB
175	CN
176	DE
177	DE
178	DE
179	CN
180	CN
181	DE
182	DE
183	DE
184	DE
185	CN
186	US
187	DE
188	HK
189	GB

	A ^B _C businesslocation of seller
190	CN
191	IT
192	DE
193	CN
194	CN
195	DE
196	DE
197	CN
198	CN
199	DE
200	
201	DE
202	DE
203	CN
204	CN
205	CN
206	CN
207	NL
208	CN
209	DE
210	CN
211	CN
212	CN
213	CN
214	PL
215	DE

	A ^B _C businesslocation of seller
216	
217	CN
218	US
219	DE
220	DE
221	DE
222	CN
223	DE
224	
225	DE
226	CN
227	CN
228	CN
229	FR
230	DE
231	AT
232	DE
233	CN
234	DE
235	DE
236	CN
237	DE
238	DE
239	CN
240	CN
241	GB
242	ES

	A ^B _C businesslocation of seller
243	CN
244	DE
245	DE
246	GB
247	
248	DE
249	CN
250	CN
251	TH
252	CN
253	CN
254	CN
255	CN
256	DE
257	AU
258	DE
259	GB
260	CN
261	
262	FR
263	CN
264	CN
265	DE
266	CN

	A ^B businesslocation of seller
267	CN
268	DE
269	CN
270	CN
271	
272	CN
273	DE
274	CN
275	IT
276	DE
277	DE
278	FR
279	FR
280	IT
281	DE
282	DE
283	DE
284	DE
285	IT
286	CN
287	CN
288	CN
289	CN
290	CN

	A ^B businesslocation of seller
291	CN
292	CN
293	CN
294	CN
295	CN
296	CN
297	CN
298	CN
299	CN
300	CN
301	DE
302	DE
303	CN
304	CN
305	CN
306	CN
307	
308	CN
309	GB
310	BE
311	DE
312	JP
313	CN
314	GB
315	CN
316	CN
317	CN

	A ^B businesslocation of seller
318	CN
319	CN
320	CN
321	CN
322	DE
323	DE
324	GB
325	CN
326	CN
327	CN
328	CN
329	CN
330	CN
331	DE
332	DE
333	CN
334	CN
335	CN
336	CN
337	CN
338	DE
339	CN
340	CN
341	CN
342	CN
343	CN
344	CN

	A ^B businesslocation of seller
399	CN
400	CN
401	CN
402	CN
403	CN
404	CN
405	CN
406	CN
407	CN
408	CN
409	CN
410	CN
411	CN
412	CN
413	CN
414	CN
415	CN
416	CN
417	CN
418	DE
419	NL
420	CN
421	GB
422	CN
423	CN
424	CN
425	CN

	A ^B businesslocation of seller
372	CN
373	GB
374	CN
375	CN
376	CN
377	CN
378	CN
379	HK
380	
381	CN
382	CN
383	CN
384	CN
385	CN
386	DE
387	DE
388	GB
389	CZ
390	IT
391	DE
392	DE
393	CN
394	FR
395	CN
396	CN
397	CN
398	CN

	A ^B businesslocation of seller
345	CN
346	CN
347	CN
348	CN
349	CN
350	CN
351	CN
352	CN
353	CN
354	CN
355	CN
356	CN
357	CN
358	CN
359	CN
360	CN
361	CN
362	CN
363	DE
364	DE
365	DE
366	CN
367	CN
368	CN
369	CN
370	CN
371	CN

	businesslocation of seller
426	CN
427	CN
428	CN
429	DE
430	
431	DE
432	CN
433	CN
434	CN
435	DE
436	CN
437	DE
438	US
439	CN
440	CN
441	CN
442	CN
443	CN
444	CN
445	
446	CN
447	CN
448	DE
449	DE
450	CN
451	CN
452	DE

	businesslocation of seller
453	CN
454	CN
455	CN
456	CN
457	CN
458	CN
459	CN
460	CN
461	
462	HK
463	CN
464	CN
465	CN
466	CN
467	CN
468	CN
469	CN
470	DE
471	CN
472	DE
473	CN
474	CN
475	DE
476	DE
477	
478	CN
479	CN