

# pr pl as as pr pr pr	<pre>set_names_within_place = plc_data['asset_name'].unique() .c_distribution = plc_data.groupby('asset_name').size() .bels2 = asset_names_within_place .g1, ax2 = plt.subplots(figsize=(15,5)) .set titles = 'asset_names_within_place:' + place</pre>
<pre>,0]) sset_name:</pre>	### Place: " place ### place: " place #### place: " place ##### place: " place ###################################
	<pre>asset_data = plc_data.loc[plc_data['asset_name'] == asset_name] asset_data['event_type'] = asset_data['event_type'].replace(['Connected','Disconne graph_title = 'Organisation name is: '+ str(organisation)+', place: '+str(place) +</pre>
********* Organisati	<pre>clr = 'b' elif(asset_type == 5): clr = 'r' else: clr = 'y' plt.scatter(asset_type_data.index, asset_type_data['event_type'], color=clr) plt.legend(asset_types_within_place)</pre>
freq place: Th asset_name asset_type module_id_ '509-27-8	2 1 4 8 9 nnected Gonzalez-Hancock Flynn-Mcgrath ND-IRJ-15 598-84-6937 5978 6820 4571 4571 1173 compson Group s_within_place: ['EB-FVF-50' 'SL-UAD-50' 'CH-QKR-84'] s_within_place: [5 8] within_place: [nan '591-45-2627' '647-80-6730' '598-84-6937' '351-86-2983' '877-10-182' '324-50-2046' '478-66-3754'] ynn-Mcgrath
asset_type module_id place: To asset_name asset_type module_id_ '509-27-8 place: Be	
asset_name asset_type module_id_ '591-45-2 ******** Organisati count unique top Di	s_within_place: ['OQ-XNB-63' 'OZ-LHY-83' 'IC-INE-34'] s_within_place: [5 8] _within_place: ['598-84-6937' nan '351-86-2983' '324-50-2046' '877-10-5115' '444-13-627' '509-27-8182' '647-80-6730' '478-66-3754'] ************************************
asset_type module_id place: Be asset_name asset_type	s_within_place: ['FI-DMS-52' 'GV-WTD-14'] s_within_place: [8] _within_place: [nan]
asset_name asset_type module_id_ ******* ******** Organisati eve count unique	on name is: Taylor, Flores and Douglas nt_type
count unique top EI freq place: Ma asset_name asset_type	et_name module_id 4590 0 44 0 -IUO-83 NaN 574 NaN tthews-Phillips s_within_place: ['PD-PFG-92' 'YW-QRR-91'] s_within_place: [3] within_place: [nan]
asset_type module_id place: To asset_name asset_type module_id	s_within_place: ['MA-REN-12' 'US-KJX-96'] s_within_place: [3] _within_place: [nan]
asset_name asset_type module_id place: Ma asset_name asset_type module_id place: Ca	rt, Mason and Smith s_within_place: ['WN-DQW-72' 'LR-DNI-18'] s_within_place: [3] _within_place: [nan] rtinez, Pruitt and Wheeler s_within_place: ['KN-GWX-65'] s_within_place: [3] _within_place: [nan] ntu-Lane s_within_place: ['DT-XSY-00' 'PL-PSP-39']
asset_type module_id place: Br asset_name asset_type module_id place: Kn asset_name	within_place: [3] _within_place: [nan] own-Jenkins s_within_place: ['CF-MQK-54' 'CK-XNN-42'] s_within_place: [3] _within_place: [nan] ox, Mills and Keith s_within_place: ['WT-JZS-58'] s_within_place: [3]
module_id place: Wa asset_name asset_type module_id place: Be asset_name asset_type	within_place: [nan] de, Ruiz and Harrison s_within_place: ['KL-KYK-17' 'FG-YFO-64'] s_within_place: [3] within_place: [nan] dl, Turner and Rodriguez s_within_place: ['EI-IUO-83'] s_within_place: [3] within_place: [3] within_place: [nan]
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asset_name asset_type module_id place: Bo asset_name asset_type	choa-Chavez s_within_place: ['XZ-XXC-35' 'AI-CXD-88'] s_within_place: [3] _within_place: [nan] coth, Gregory and Saunders s_within_place: ['ZU-MOT-42'] s_within_place: [3] _within_place: [nan]
asset_name asset_type module_id place: Al asset_name asset_type module_id_	<pre>llagher-Moore s_within_place: ['WF-QFJ-09' 'IO-MMI-57'] s_within_place: [3] within_place: [nan] varado-Alexander s_within_place: ['QT-LTC-56' 'US-YHZ-63'] s_within_place: [3] within_place: [nan] rris, Gross and Schmidt</pre>
asset_name asset_type module_id place: Pa asset_name asset_type module_id place: Mo	s_within_place: ['EW-ONE-19' 'BN-HAC-74'] s_within_place: [3] _within_place: [nan] rks, Nash and Espinoza s_within_place: ['YN-NZP-03'] s_within_place: [3] _within_place: [nan]
asset_name asset_type module_id place: Di asset_name asset_type module_id place: Be asset_name asset_type	<pre>s_within_place: ['TH-ODX-36' 'KL-RZN-01'] s_within_place: [3] _within_place: [nan] az Inc s_within_place: ['ME-SZR-11' 'TY-VOB-39'] s_within_place: [3] _within_place: [nan] erry, Meyer and Williams s_within_place: ['VN-YHO-26' 'DJ-VZR-77'] s_within_place: [3]</pre>
asset_type module_id place: La asset_name asset_type module_id place: Hu asset_name asset_type	<pre>"s_within_place: [3] _within_place: [nan] "ne Inc "s_within_place: ['WG-AYD-90' 'KH-QQF-62'] "s_within_place: [3] _within_place: [nan] "nter-Shepherd "s_within_place: ['JL-YFJ-40' 'YS-YEI-18'] "s_within_place: [3]</pre>
module_id place: Gr asset_name asset_type module_id place: Ch asset_name asset_type	s_within_place: [3] _within_place: [nan] een, Hayes and Taylor s_within_place: ['WK-ZGU-09' 'YS-YFI-24'] s_within_place: [3] _within_place: [nan] andler PLC s_within_place: ['GF-XQD-42' 'PI-PWV-21'] s_within_place: [3] _within_place: [3] _within_place: [nan]
module_id place: Sm asset_name asset_type module_id_ <figure si<="" td=""><td></td></figure>	
Flynn-Mcgrath	Thompson Group 10.7% Bell LLC Torres, Montoya and Neal
asset_ SL-UAD-50	_names within Place:Thompson Group EB-FVF-50 CH-QKR-84
0.8 -	name is: Gonzalez-Hancock, place: Thompson Group with asset_name: ['EB-FVF-50' 'SL-UAD-50' 'CH-QKR-84'] and asset_ty
	2021-02-17 2021-02-18 2021-02-19 2021-02-20 2021-02-21 2021-02-22 2021-02-23 :_names within Place:Flynn-Mcgrath
ND-IRJ-15	Organisation name is: Gonzalez-Hancock, place: Flynn-Mcgrath with asset_name: ['ND-IRJ-15'] and asset_types: [8]
	021-02-17 2021-02-18 2021-02-19 2021-02-20 2021-02-21 2021-02-22 2021-02-23 mes within Place:Torres, Montoya and Neal
NW-CNY-73	100.0%
Orga 1.0 - 0.8 - 0.6 - 0.4 - 0.2 -	anisation name is: Gonzalez-Hancock, place: Torres, Montoya and Neal with asset_name: ['NW-CNY-73'] and asset_types
0.0	021-02-17 2021-02-18 2021-02-19 2021-02-20 2021-02-21 2021-02-22 2021-02-23 sset_names within Place:Bell LLC
Organis	96.8% OQ-XNB-63 IC-INE-34 ation name is: Gonzalez-Hancock, place: Bell LLC with asset_name: ['OQ-XNB-63' 'OZ-LHY-83' 'IC-INE-34'] and asset_type
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Aguilar, Price a	Benson Ltd 6.4% 1.5% Cohen PLC 92.1%
asset_na	imes within Place:Cohen PLC FI-DMS-52 48.9%
1.0 - 0.8 -	GV-WTD-14 Organisation name is: Larson-Mccall, place: Cohen PLC with asset_name: ['FI-DMS-52' 'GV-WTD-14'] and asset_types: [8]
	21-02-16 2021-02-17 2021-02-18 2021-02-19 2021-02-20 2021-02-21 2021-02-22 2021-02-23 names within Place:Benson Ltd
GR-TDN-28	39.2% 19.0% MO-RQJ-49 41.8% XX-PXF-22
Organi	isation name is: Larson-Mccall, place: Benson Ltd with asset_name: ['MO-RQJ-49' 'GR-TDN-28' 'XX-PXF-22'] and asset_typ
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0.6 - 0.4 - 0.2 - 0.0 - 8 20 asset_nam Organisation 10 - 8 0.8 - 0.6 -	nes within Place:Aguilar, Price and Clark CJ-KWS-16 39.3%
0.6 - 0.4 - 0.2 - 0.0 - 8 20 asset_nam Organisation 10 - 8 0.8 - 8	nes within Place: Aguilar, Price and Clark CJ-KWS-16 39.3% MC-FRO-53 MC-FRO-53 name is: Larson-Mccall, place: Aguilar, Price and Clark with asset_name: ['CJ-KWS-16' 'BM-LAS-19' 'MC-FRO-53'] and asset_name is according to the control of the c
0.6 - 0.4 - 0.2 - 0.0 - 8 0.6 - 0.4 - 0.2 - 0.0 - 8 0.6 - 0.4 - 0.2 - 0.0 - 0.	nes within Place: Aguilar, Price and Clark G+WS-16 39.3% MC-FRO-53 mame is: Larson-Mccall, place: Aguilar, Price and Clark with asset_name: [*C]-KWS-16* 'BM-LAS-19* 'MC-FRO-53*] and asset_ 22.16 2021-02-17 2021-02-18 2021-02-19 2021-02-20 2021-02-21 2021-02-22 2021-02-22 Add Racinguez Martinez, Pruitt and Wheeler Knox, Mills and Meth Dires-Wilson Vade, Ruiz and Harrison Vade, Ruiz and Harrison Vade, Ruiz and Harrison Clantic Lane Knox, Mills and Meth Clark With asset_name: [*C]-KWS-16* 'BM-LAS-19* 'MC-FRO-53*] and asset_name: [*C]-KWS-16* 'MC-FRO-53*] and asse
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O.6 - 0.4 - 0.2 - 0.0 - 8 - 20 asset_nam BM-LAS-19 Organisation 1.0 - 8 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 2021-0 Knig Young, Fox and Ochoa- Booth, Gregory ar	name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name is: Larson McCall, place. Aguilar, Price and Clark with asset name: I*CJ-KWS-16**BM-LAS-19**MC-FRO-53*I and asset name: I*CJ-KWS-16
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Organisation 10 Noung, Fox and Ochoa- Booth, Gregory ar Asset_name PD-I	The matter in Landon Micell, place. Aquillar: Nice and Clark with asset, name: PCQ-MS-16* IDA-LAS-18* TMC-RID-37* and asset. 2. 37
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Organisation Organisation Organisation Organisation Ochoa- South, Gregory and Ochoa- Organisation Ochoa- Ocho	The second second price depotes from and Clark TO SOLE
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Organisation 10 0.8 0.6 0.4 0.2 0.0 0.7 0.8 0.6 0.4 0.2 0.0 0.7 0.8 0.6 0.4 0.2 0.0 0.7 0.8 0.6 0.4 0.2 0.0 0.8 0.6 0.4 0.2 0.0 0.8 0.6 0.4 0.2 0.0 0.8 0.6 0.4 0.2 0.0 0.8 0.6 0.4 0.2 0.0 0.8 0.6 0.4 0.2 0.0 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.4 0.8 0.6 0.8 0.8 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	

Organisation name is: Taylor, Flores and Douglas, place: Knox, Mills and Keith with asset_name: ['WT-JZS-58'] and asset_types: [3]

1.0

0.8

plt.figure(figsize=(15, 3))
colors = ['b', 'c', 'y', 'm', 'r']

print('Organisation name is: ', organisation)
print(org_data.describe(include = ['O']))

for organisation in orgs:

