In [15]:

```
1 import pandas as pd
   import re
 3 from selenium import webdriver
 4 import selenium.webdriver.common.keys
 5 from selenium.webdriver.common.by import By
 6 import html5lib
 7 import numpy as np
 8 import time
10
browser = webdriver.Chrome("chromedriver.exe")
12 browser.get("https://www.linkedin.com")
13
14
username = browser.find_element(by='id',value="session_key")
username.send_keys("abhishekdesai.ele18@gmail.com")

password = browser.find_element(by='id',value="session_password")
18
   password.send_keys("wFy;K)")
19
20
21 login_button = browser.find_element(By.CLASS_NAME,value="sign-in-form_submit-button")
   login_button.click()
22
23
24
25 browser.get("https://www.linkedin.com/jobs/collections")
26 time.sleep(5)
```

C:\Users\ADMINI~1\AppData\Local\Temp/ipykernel_20156/284898973.py:11: DeprecationWarning: executable_path has been deprecat
ed, please pass in a Service object
 browser = webdriver.Chrome("chromedriver.exe")

In [76]:

```
1 ##scrap designation
 designation = browser.find elements(By.CLASS NAME.value='iob-card-list title')
 4
   a=[]
 5
   for i in designation:
 6
       a.append(i.text)
 7 print(a)
 8 print()
 9
   print(len(a))
10 print()
11 print()
12
13
   #scrap Location
14
15
   location = browser.find_elements(By.CLASS_NAME, value="job-card-container__metadata-item")
16 b=[]
17
   for i in location:
       b.append(i.text)
19
   print(b)
20
21
   print()
22
   print(len(b))
23
   print()
24
25
   c=[]
   for i in b:
26
27
       if i!='On-site' and i!='Remote' and i!='Hybrid':
           c.append(i)
28
29
       else:
30
           pass
31 print(c)
32 print()
33 print(len(c))
34 print()
35 print()
36
37
   # scrap companyname
38
39
   company = browser.find_elements(By.CLASS_NAME, value="job-card-container__company-name")
40
   d=[]
   for i in company:
41
42
       d.append(i.text)
43
44
   print(d)
45 print()
46
   print(len(d))
47
48
```

['Business Analyst', 'Business Analyst - Data and Analytics', 'BUSINESS ANALYST DOMAIN', 'Business Analyst | Ahmedabad', 'B usiness Analyst', 'Business Analyst', 'Business Analyst', 'Business Analyst - Warranty Analyst-ANA 006474', 'Mobile Business Analyst', 'Business Analyst: ADM', 'IndiaNIC Infotech - Business Analyst - Wireframing Tools', 'B usiness Analyst', 'Business Analyst', '

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['Bengaluru, Karnataka, India', 'On-site', 'Bengaluru, Karnataka, India', 'Hybrid', 'Bengaluru, Karnataka, India', 'Ahmedab ad, Gujarat, India', 'On-site', 'Yudodara, Gujarat, India', 'On-site', 'Bengaluru, Karnataka, India', 'On-site', 'Pune, Mah arashtra, India', 'On-site', 'Kolkata, West Bengal, India', 'On-site', 'Bengaluru, Karnataka, India', 'On-site', 'Hyderaba d, Telangana, India', 'Hybrid', 'Bengaluru, Karnataka, India', 'On-site', 'Ahmedabad, Gujarat, India', 'On-site', 'Ahmedabad, Gujarat, India', 'On-site', 'Mumbai, Maharashtra, India', 'Chennai, Tamil Nadu, India', 'On-site', 'Vadodara, Gujarat, India', 'On-site', 'Bengaluru East, Karnataka, India', 'On-site', 'Noida, Uttar Pradesh, India', 'On-site', 'Noida, Uttar Pradesh, India', 'On-site', 'Noida, Uttar Pradesh, India', 'On-site', 'Pune, Maharashtra, India', 'Hybrid', 'Chennai, Tamil Nadu, India', 'Hybrid', 'India', 'Remote', 'Bengaluru, Karnataka, India', 'Hybrid', 'Chennai, Tamil Nadu, India', 'Hybrid']

47

['Bengaluru, Karnataka, India', 'Bengaluru, Karnataka, India', 'Bengaluru, Karnataka, India', 'Ahmedabad, Gujarat, India', 'Vadodara, Gujarat, India', 'Bengaluru, Karnataka, India', 'Pune, Maharashtra, India', 'Kolkata, West Bengal, India', 'Bengaluru, Karnataka, India', 'Hyderabad, Telangana, India', 'Bengaluru, Karnataka, India', 'Ahmedabad, Gujarat, India', 'Ahmedabad, Gujarat, India', 'Mumbai, Maharashtra, India', 'Chennai, Tamil Nadu, India', 'Vadodara, Gujarat, India', 'Bengaluru E ast, Karnataka, India', 'Noida, Uttar Pradesh, India', 'Noida, Uttar Pradesh, India', 'Pune, Maharashtra, India', 'Chennai, Tamil Nadu, India', 'India', 'Bengaluru, Karnataka, India', 'Chennai, Tamil Nadu, India']

24

['Shell', 'Schneider Electric', 'LTIMindtree', 'Elite Consultants', 'Bluebox Infosoft Pvt. Ltd.', 'IBM', 'HSBC', 'B3 - BRAI N BEHIND BRAND', 'Genpact', 'JPMorgan Chase & Co.', 'IBM', 'IndiaNIC Infotech Limited', 'Krish TechnoLabs', 'JPMorgan Chase & Co.', 'BNP Paribas', 'Rishabh Software', 'Infinite Computer Solutions', 'Genpact', 'Webkul', 'Synechron', 'Virtusa', 'Her ald Logic Pvt Ltd', 'Societe Generale', 'Tech Mahindra']

In [77]:

['https://www.linkedin.com/company/1271/', 'https://www.linkedin.com/company/2329/', 'https://www.linkedin.com/company/8681 3252/', 'https://www.linkedin.com/company/2100069/', 'https://www.linkedin.com/company/18661066/', 'https://www.linkedin.com/company/1009/', 'https://www.linkedin.com/company/1241/', 'https://www.linkedin.com/company/8322970/', 'https://www.linkedin.com/company/210064/', 'https://www.linkedin.com/company/1068/', 'https://www.linkedin.com/company/1009/', 'https://www.linkedin.com/company/1068/', 'https://www.linkedin.com/company/1068/', 'https://www.linkedin.com/company/1068/', 'https://www.linkedin.com/company/1068/', 'https://www.linkedin.com/company/1068/', 'https://www.linkedin.com/company/11115/', 'https://www.linkedin.com/company/210064/', 'https://www.linkedin.com/company/914889/', 'https://www.linkedin.com/company/5506/', 'https://www.linkedin.com/company/5140/', 'https://www.linkedin.com/company/204218/', 'https://www.linkedin.com/company/1091/', 'https://www.linkedin.com/company/3067/']

24

In [78]:

```
#concat the link for no_emp

eer = []
for u in w:
    pqr = str(u) + 'people/'
    eer.append(pqr)
print(eer)
print()
print(len(eer))
```

['https://www.linkedin.com/company/1271/people/', 'https://www.linkedin.com/company/2329/people/', 'https://www.linkedin.com/company/86813252/people/', 'https://www.linkedin.com/company/1866106 6/people/', 'https://www.linkedin.com/company/1809/people/', 'https://www.linkedin.com/company/1241/people/', 'https://www.linkedin.com/company/1241/people/', 'https://www.linkedin.com/company/1068/people/', 'https://www.linkedin.com/company/1009/people/', 'https://www.linkedin.com/company/253418/people/', 'https://www.linkedin.com/company/10698/people/', 'https://www.linkedin.com/company/1508/people/', 'https://www.linkedin.com/company/508/people/', 'https://www.linkedin.com/company/1106983/people/', 'https://www.linkedin.com/company/1106983/people/', 'https://www.linkedin.com/company/110694/people/', 'https://www.linkedin.com/company/110694/people/', 'https://www.linkedin.com/company/1506/people/', 'https://www.linkedin.com/company/204218/people/', 'https://www.linkedin.com/company/1691/people/', 'https://www.linkedin.com/company/204218/people/', 'https://www.linkedin.com/company/1691/people/', 'https://www.linkedin.com/company/204218/people/', 'https://www.linkedin.com/company/1691/people/', 'https://www.linkedin.com/company/204218/people/', 'https://www.linkedin.com/company/1691/people/', 'https://www.linkedin.com/company/204218/people/', 'https://www.linkedin.com/company/1691/people/', 'https://www.linkedin.com/company/3067/people/']

In [79]:

```
##scrapping link for level,no_applicant

poo = browser.find_elements(By.CLASS_NAME ,value="job-card-list__title")

la=[]
for lk in poo:
    la.append(lk.get_attribute("href"))
print(la)
print()
print(len(la))
```

['https://www.linkedin.com/jobs/view/3382747290/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refId=GXd $\label{localization} dTd4eUJu3Oqwq71hyug\%3D\%3D\&trackingId=SD1aGGwQ3ZGqH91LySLp3Q\%3D\%3D\&trk=flagship3_search_srp_jobs', 'https://www.linkedin.co', 'https:/$ m/jobs/view/3381573426/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=IN_NETWORK&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=E jKyTeXUenDLgNqk3jrthA%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3372753063/?eBP=JOB_SEARCH_ ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=XXUFrbS%2Bu5VTx53%2FRZunxA% 3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3391986396/?eBP=JOB_SEARCH_ORGANIC&recommendedFla vor=ACTIVELY_HIRING_COMPANV&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=QsWtBSIFpb%2BjPON2khc71w%3D%3D&trk=flagship3_sear ch_srp_jobs', 'https://www.linkedin.com/jobs/view/3395782611/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMP $ANV\&refId=GXddTd4eUJu3Oqwq71hyug\%3D\%3D\&trackingId=9mcW6DHBtRY8IlJJtBQaOw\%3D\%3D\&trk=flagship3_search_srp_jobs', and the sum of the$ w.linkedin.com/jobs/view/3379853090/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refid=GXddTd4eUJu3Oqw q71hyug%3D%3D&trackingId=AVMigEj2SA9NEGmiGn5bdQ%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3 381574354/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=CyVOGpr2pzrmfFR2vxkkBg%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3372512266/?eBP=JOB_SEARCH_ ORGANIC&recommendedFlavor=SKILL_ASSESSMENTS&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=gncIYF5U%2BgQb5zZ5DF6TUQ%3D%3D&D k=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3390642859/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=SKIL L_ASSESSMENTS&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=RfJ0FM8x8mREQtMKyLShLQ%3D%3D&trk=flagship3_search_srp_jobs', 'h ttps://www.linkedin.com/jobs/view/3391340381/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=SKILL_ASSESSMENTS&refId=GXddTd4eUJu3 Oqwq71hyug%3D%3D&trackingId=%2B9MtmqlQjd%2BqqszoaHW2ZQ%3D%3D&trk=flagship3 search srp jobs', 'https://www.linkedin.com/job s/view/3379848477/?eBP=JOB SEARCH ORGANIC&recommendedFlavor=ACTIVELY HIRING COMPANY&refid=GXddTd4eUJu3Ogwq71hyug%3D%3D&trac kingId=dyf%2F%2Fle8HbVGsskM8rZJzA%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3354939648/?eBP =JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refid=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=1CtLHpBdSYlleWk Ip%2FkGAA%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3358840754/?eBP=JOB_SEARCH_ORGANIC&reco ip3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/337913771/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIR ING_COMPANY&refid=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=HPxdy9KbaKN402PHr%2F7Tsg%3D%3D&trk=flagship3_search_srp_jobs', 'h ttps://www.linkedin.com/jobs/view/3363659857/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=IN_NETWORK&refId=GXddTd4eUJu30qwq71h yug%3D%3D&trackingId=KFpBImA%2FAqZDVhiueoEUzQ%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/339
1868957/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=Mtz
T3GwzosghOJ9V90Q6Og%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3371640085/?eBP=JOB_SEARCH_OR
GANIC&recommendedFlavor=SKILL_ASSESSMENTS&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trk=fl $agship3_search_srp_jobs', \ 'https://www.linkedin.com/jobs/view/3399859427/?eBP=JOB_SEARCH_ORGANIC\& recommended Flavor=SKILL_AS$ $SESSMENTS\&refId=GXddTd4eUJu30qwq71hyug\%3D\%3D\&trackingId=Sr2xpQALupz0yC\%2F3tLqUm0\%3D\%3D\&trk=flagship3_search_srp_jobs',$ ps://www.linkedin.com/jobs/view/3391205967/?eBP=JOB_SEARCH_ORGANIC&recommendedFlavor=ACTIVELY_HIRING_COMPANY&refId=GXddTd4e UJu3Oqwq71hyug%3D%3D&trackingId=819jLibUxmqTvicrOy3YWQ%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3366724602/?eBP=CwEAAAGFEHjc4uptsQtigK4-AKBB8fIBowRvD_RJKNUK7WPcI-11qQpg8zXWyX2XFKySCh6lUKQsfJF8MhelS3AtNaoSiD15pAJR 7sIlhLIS1D5ry3QUpJZ-96wJK4x_cGW8gt3pexqbIX-6k0neDRL6zXj6BpzZ4iJ01trC3qH1mbFpCPRt7DndaNwYSv__IDpoklt_emeXUz24if1eJaE6HLj_zhp bxcpGo_HiyJUpU_Kx56SYrjt2Xe2mtXqJbuA26z4cw1lVn_RfHcE4cXVymA0k3VOco5maZQd0GuP9Vm2UWbDi_Qa9f0ELCJ-9DjaUfnhbBLoh8GHs9ZJ692Xn9L $XGhMWGPRumOCQTy5H03_u0tdvloLWL-pV17HN_TX21Xg\&recommendedFlavor=ACTIVELY_HIRING_COMPANV\&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D\&therefId=GXddTd4eUJu3Oqwq71hyug%3D%3D&therefId=GXddTd4eUJu3Oqwq71hyug%3D&therefId=GXddTd4eUJu3$ $racking Id=ziCV\%2BpNyxfaGV4dMSRDKZA\%3D\%3D\&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/3369800334/?eB$ $P = CWEAAAGFEHjc4mec4IlDT4PhZj44q815aot0mnJ5XyfaH0gFWGlyCVVv_CJt5fY7Amw6CPhwLj7mk80W6uEng0IHMoH_YJxktV5u4J0i7eHFJE7RPe968E_ks$ mpAHR5Dd_fKlXna8HgR4ZR8c00jbLbtMA989aNa_iDP1ceh8D3sNIySnRqbxpI9nt3_HZ67eM-Vo50DGwAy9KmJ7mjTlrJAOKI1EkA0y5sle9HVsRPRA2fsF1rH nVdcXGTpkwp2jXcPFY5KWqqQZu_jzJwtwBrw588LNk9u0SJpIyypAxHacYo_K_0z_4DJQhDnnJrCXMMyuBz148jDC60vZ1qxPOZN8u8U7_Lqu2fNID31p-ur810 6i0G8RjBb3E3Q6rR9W3xGtw&recommendedFlavor=SKILL_ASSESSMENTS&refid=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=USVYJ%2BhMUEJ5FJb px8%2F8rw%3D%3D&trk=flagship3_search_srp_jobs', 'https://www.linkedin.com/jobs/view/337362972/?eBP=CwEAAAGFEHjc4oERQFCAvZfCZWliVUc_htD_BPQrNnf0YSZPPMlyc75c86KnOtZcywGPTJ1InWEIJhfXXhHn1XbpEvZrymJdI8pnaN2ukusiNmWLD6y2-Ncu53fwFhLKaafi7Bpx6akkBE7XvA upmJ378iusexONMpOVyMPDmgknmQDOsZXsiRPXUWi2JCNpCzlc0NRt_o76pDqjQdY24S74H-3e1Kc9wdl605zYo4lRZF7B3Lc9sAIlANjEX-dD1JYQj46S18dZk floOXBE3C1APrttOeNu2DseLIozV3nULlOFIPqQgaYwefQFVYKDZl1nfqje05thz5IlROD_pAbm3ZjUiWCn_TIupvDXSbGFGpEulWoF40Fc3FmRckpMmpulHg&r _search_srp_jobs', 'https://www.linkedin.com/jobs/view/3376943638/?eBP=CwEAAAGFEHjc4oaGED_rufKmrUr6nyWdjQ32LmQ3dlFYY2tun9CS uN6IYZZUaQFQGmpem7IqefrgzEyrNvNSpcBhSvsDBqzFBMVJ8mIItQtl1HmNBkjl6wLNRLBMIa2V964FfXAjDnz5pIZgCuqyvYvrKN11nQf8qgJDA9zsDN1YUq3 R622jtLW3iPSbYLcKXhk446CXpi1uKnsRh-dR8FcBXERJddQnd0_puvbxolAN1_z5spLUrQCh_QsU9wxp_0PW7jLV0cTGGWMg5UwPuV6I84J7C5paRb_b0q34jw bwU00QTVZJCxUnNBhe-d4mEjUkg1Qx6D_crydzGm5AnVqgwTfmVhksMSwtybXimjodDLu4UXZxeQo1Dfyl_aTn7fPW8Q&recommendedFlavor=ACTIVELY_HIR ING COMPANY&refId=GXddTd4eUJu3Oqwq71hyug%3D%3D&trackingId=tpNcyOmTHbHqnTLkYV46AQ%3D%3D&trk=flagship3 search srp jobs', ps://www.linkedin.com/jobs/view/3365806757/?eBP=CWEAAAGFEHjc4hRB7ZLP6lq2abIg3NvDM5aSiamZ6vCY6rQ7-OfAIgnniCYArIYsnYdpolgxVjQ 2WAXZPSRmUp5CMpOomvWocwiPMNDgxdeHWt71SrVxS5OaU6BMBw3dF-VaJElgMD4MR5Oz 9ERhw3ZgeO17xCiJDkWV2IEe9RIEK3SH LgR2oDRCfdWxgVEkrLs9 31ZoNNxy5kTWQzHYZFThnXcaIyemnqDdzv6-9_wG7yZgV7J-MTkZT_5NQ91Ffuu0RKunW3Jsx0K37C8y5NzMBr6HpcSUxg4ZtpS9nIu_1R1mIz61ZWNVSVyDac2 c-wM2WiCJDxJdbK9GCEX_01A5PcHoBk4uQ_JEIzIjPDnlI-_ltNaTBgp222AtYeBv5g9w&recommendedFlavor=ACTIVELY_HTRING_COMPANY&refId=GXddTddUJu3Oqwq71hyug%3D%3D&trackingId=Y3%2BgEBzY2BM0xCMmv0vrXA%3D%3D&trk=flagship3_search_srp_jobs']

In [80]:

```
1
   #scrapping industryname
 3 import time
 4
   qw=[]
 5
    for o in w:
 6
       try:
 7
            browser.get(o)
 8
            time.sleep(5)
 9
            lo = browser.find\_elements(By.XPATH, '//*[@id="ember26"]/div[2]/div[1]/div[1]/div[2]/div/div/div[1]') \\
10
            for p in lo:
11
                qw.append(p.text)
12
        except:
13
            qw.append('None')
14 print(qw)
15
   print()
16 print(len(qw))
```

['Oil and Gas', 'Appliances, Electrical, and Electronics Manufacturing', 'IT Services and IT Consulting', 'Staffing and Rec ruiting', 'IT Services and IT Consulting', 'IT Services and IT Consulting', 'Financial Services', 'Staffing and Recruiting', 'IT Services and IT Consulting', 'Financial Services', 'IT Services and IT Consulting', 'IT Services and IT Consulting', 'Financial Services', 'Banking', 'IT Services and IT Consulting', 'Financial Services', 'IT Services and IT Consulting', 'Software Development', 'Banking', 'IT Services and IT Consulting']

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In [81]:

```
1
   #scrapping no_followers
 2
 3
   import time
 4
   No_followers=[]
 5
    for y in w:
 6
        try:
            browser.get(y)
 8
            time.sleep(5)
 9
            op = browser.find_elements(By.XPATH,'//*[@id="ember26"]/div[2]/div[1]/div[1]/div[2]/div/div')
10
            for m in op:
11
               No_followers.append(m.text)
        except:
12
            No followers.append('None')
13
14
15 print(No followers)
16 print()
17
   print(len(No followers))
```

['Oil and Gas London, England 6,073,353 followers', 'Appliances, Electrical, and Electronics Manufacturing Rueil Malmaison, Paris 3,454,399 followers', 'IT Services and IT Consulting Mumbai, MH 91,031 followers', 'Staffing and Recruiting Ahmedaba d, Gujarat 3,382 followers', 'IT Services and IT Consulting Vadodara, Gujarat 1,662 followers', 'IT Services and IT Consulting New York, NW 14,804,690 followers', 'Financial Services London 3,150,863 followers', 'Staffing and Recruiting K olkata, West Bengal 4,952 followers', 'IT Services and IT Consulting New York, NY 2,303,771 followers', 'Financial Services New York, NY 3,546,678 followers', 'IT Services and IT Consulting Armonk, New York, NY 14,804,694 followers', 'IT Services and IT Consulting Ahmedabad, Gujarat 9,180 followers', 'Financial Services New York, NY 3,546,678 followers', 'Banking Paris 1,223,834 followers', 'IT Services and IT Consulting Vadodara, Gujarat 27,805 followers', 'IT Services and IT Consulting Rockville, Maryland 108,581 followers', 'IT Services and IT Consulting New York, NY 2,303,782 followers', 'IT Services and IT Consulting Noida, Uttar Pradesh 20,341 followers', 'Financial Services New York, NY 499,396 followers', 'IT Services and IT Consulting Southborough, MA 707,692 followers', 'S oftware Development Mumbai, Maharashtra 1,133 followers', 'Banking Paris 940,165 followers', 'IT Services and IT Consulting Pune, Maharashtra 3,950,909 followers']

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In [82]:

```
1
    #scrapping the no_emp
 2
 3
   import time
 4
    no_emp=[]
    for y in eer:
 5
 6
        try:
 7
            browser.get(y)
 8
            time.sleep(5)
 9
            op = browser.find_elements(By.XPATH, '//*[@id="main"]/div[2]/div[div[1]/div[1]/h2')
10
            for m in op:
                no_emp.append(m.text)
11
        except:
12
13
            no_emp.append('None')
14
15 print(no_emp)
16 print()
17 print(len(no emp))
```

['212,884 employees', '78,849 employees', '14,542 employees', '53 employees', '34 employees', '423,587 employees', '180,608 employees', '19 employees', '126,231 employees', '290,174 employees', '423,587 employees', '765 employees', '220 employees', '290,174 employees', '169,574 employees', '1,058 employees', '6,089 employees', '126,231 employees', '413 employees', '9,092 employees', '17,281 employees', '71 employees', '47,130 employees', '149,726 employees']

In [83]:

```
1 # scrapping no_applicant
2
3 import time
4 no_applicant=[]
5
   for o in la:
6
       try:
7
           browser.get(o)
8
           time.sleep(5)
           opo = browser.find_elements(By.XPATH , '/html/body/div[5]/div[3]/div/div[1]/div[1]/div[1]/div[1]/div[1]/span[2]/s
9
10
           for kl in opo:
11
               no_applicant.append(kl.text)
12
       except:
13
           no_applicant.append('None')
14
15 print(no_applicant)
16 print()
17 print(len(no_applicant))
```

['67 applicants', 'Over 200 applicants', '183 applicants', '5 applicants', '2 applicants', '82 applicants', '69 applicants', '32 applicants', '194 applicants', '135 applicants', '50 applicants', '19 applicants', '28 applicants', '0ver 200 applicants', '141 applicants', '27 applicants', '34 applicants', '12 applicants', '17 applicants', '0ver 200 applicants', '0ver 200 applicants', '0ver 200 applicants']

24

In [84]:

```
1
                  # scrapping level
      2
      3
                      import time
      4
                       level=[]
      5
                         for o in la:
      6
                                                  try:
                                                                           browser.get(o)
      8
                                                                           time.sleep(5)
      9
                                                                           opoo = browser.find_elements(By.XPATH ,'/html/body/div[5]/div[div[div[1]/div[1]/div/div[1]/div/div[1]/div[2]/ul/li[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div
10
                                                                           for kll in opoo:
                                                                                                   level.append(kll.text)
 11
 12
                                                  except:
13
                                                                           level.append('None')
 14
15 print(level)
16 print()
17
                  print(len(level))
```

['Full-time', 'Full-time · Mid-Senior level', 'Full-time · Mid-Senior level', 'Full-time · Mid-Senior level', 'Full-time', 'Full-time', 'Full-time', 'Full-time', 'Full-time', 'Full-time', 'Full-time', 'Full-time', 'Full-time', 'Full-time · Mid-Senior level', 'Full-time · Mid-Senior level']

```
In [85]:
```

Out[85]:

	comapanyname	designation	location	industryname	No_followers	no_emp	no_applicant	level
0	Shell	Business Analyst	Bengaluru, Karnataka, India	Oil and Gas	Oil and Gas London, England 6,073,353 followers	212,884 employees	67 applicants	Full-time
1	Schneider Electric	Business Analyst - Data and Analytics	Bengaluru, Karnataka, India	Appliances, Electrical, and Electronics Manufa	Appliances, Electrical, and Electronics Manufa	78,849 employees	Over 200 applicants	Full-time · Mid-Senior level
2	LTIMindtree	BUSINESS ANALYST DOMAIN	Bengaluru, Karnataka, India	IT Services and IT Consulting	IT Services and IT Consulting Mumbai, MH 91,03	14,542 employees	183 applicants	Full-time · Mid-Senior level
3	Elite Consultants	Business Analyst Ahmedabad	Ahmedabad, Gujarat, India	Staffing and Recruiting	Staffing and Recruiting Ahmedabad, Gujarat 3,3	53 employees	5 applicants	Full-time · Mid-Senior level
4	Bluebox Infosoft Pvt. Ltd.	Business Analyst	Vadodara, Gujarat, India	IT Services and IT Consulting	IT Services and IT Consulting Vadodara, Gujara	34 employees	2 applicants	Full-time
5	IBM	Business Analyst: ADM	Bengaluru, Karnataka, India	IT Services and IT Consulting	IT Services and IT Consulting Armonk, New York	423,587 employees	82 applicants	Full-time
6	HSBC	Business Analyst	Pune, Maharashtra, India	Financial Services	Financial Services London 3,150,863 followers	180,608 employees	69 applicants	Full-time
7	B3 - BRAIN BEHIND BRAND	Business Analyst	Kolkata, West Bengal, India	Staffing and Recruiting	Staffing and Recruiting Kolkata, West Bengal 4	19 employees	32 applicants	Full-time · Mid-Senior level
8	Genpact	Business Analyst - Warranty Analyst- ANA006474	Bengaluru, Karnataka, India	IT Services and IT Consulting	IT Services and IT Consulting New York, NY 2,3	126,231 employees	194 applicants	Full-time · Associate
9	JPMorgan Chase & Co.	Mobile Business Analyst	Hyderabad, Telangana, India	Financial Services	Financial Services New York, NY 3,546,678 foll	290,174 employees	135 applicants	Full-time
10	IBM	Business Analyst: ADM	Bengaluru, Karnataka, India	IT Services and IT Consulting	IT Services and IT Consulting Armonk, New York	423,587 employees	50 applicants	Full-time
11	IndiaNIC Infotech Limited	IndiaNIC Infotech - Business Analyst - Wirefra	Ahmedabad, Gujarat, India	IT Services and IT Consulting	IT Services and IT Consulting Ahmedabad, Gujar	765 employees	19 applicants	Full-time · Mid-Senior level
12	Krish TechnoLabs	Business Analyst	Ahmedabad, Gujarat, India	IT Services and IT Consulting	IT Services and IT Consulting Ahmedabad, Gujar	220 employees	28 applicants	Full-time · Mid-Senior level
13	JPMorgan Chase & Co.	Business Analyst	Mumbai, Maharashtra, India	Financial Services	Financial Services New York, NY 3,546,678 foll	290,174 employees	Over 200 applicants	Full-time
14	BNP Paribas	Business Analyst - BEACON	Chennai, Tamil Nadu, India	Banking	Banking Paris 1,223,834 followers	169,574 employees	141 applicants	Full-time · Mid-Senior level
15	Rishabh Software	Business Analyst	Vadodara, Gujarat, India	IT Services and IT Consulting	IT Services and IT Consulting Vadodara, Gujara	1,058 employees	27 applicants	Full-time · Mid-Senior level
16	Infinite Computer Solutions	Business Analyst	Bengaluru East, Karnataka, India	IT Services and IT Consulting	IT Services and IT Consulting Rockville, Maryl	6,089 employees	34 applicants	Full-time · Mid-Senior level
17	Genpact	Business Analyst - MS-BFS015791	Noida, Uttar Pradesh, India	IT Services and IT Consulting	IT Services and IT Consulting New York, NY 2,3	126,231 employees	12 applicants	Full-time · Associate
18	Webkul	Business analyst	Noida, Uttar Pradesh, India	IT Services and IT Consulting	IT Services and IT Consulting Noida, Uttar Pra	413 employees	17 applicants	Full-time · Associate
19	Synechron	Business Analyst	Pune, Maharashtra, India	Financial Services	Financial Services New York, NY 499,396 followers	9,092 employees	Over 200 applicants	Full-time · Mid-Senior level
20	Virtusa	Business Analyst	Chennai, Tamil Nadu, India	IT Services and IT Consulting	IT Services and IT Consulting Southborough, MA	17,281 employees	Over 200 applicants	Full-time · Mid-Senior level
21	Herald Logic Pvt Ltd	Solutions Analyst	India	Software Development	Software Development Mumbai, Maharashtra 1,133	71 employees	157 applicants	Full-time · Mid-Senior level
22	Societe Generale	Business Analyst	Bengaluru, Karnataka, India	Banking	Banking Paris 940,165 followers	47,130 employees	Over 200 applicants	Full-time · Mid-Senior level
23	Tech Mahindra	Business Analyst	Chennai, Tamil Nadu, India	IT Services and IT Consulting	IT Services and IT Consulting Pune, Maharashtr	149,726 employees	Over 200 applicants	Full-time · Mid-Senior level

In [8	6]:
1 0	df.to_excel("data-8.xlsx")
In [1.
1	1.
In []:
1	
In [1:
1	-
In []:
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