Importing required packages

```
In [1]:  import requests
         from bs4 import BeautifulSoup

         from pandas import DataFrame
         import pandas as pd
```

First University

```
In [2]:  url_1 = 'https://www.derby.ac.uk/departments/derby-law-school/staff/'
         page_1 = requests.get(url_1)
         soup_1 = BeautifulSoup(page_1.content, 'html.parser')
```

```
In [3]:  page_1.status_code
```

```
Out[3]:  200
```

```
In [4]:  page_1.url
```

```
Out[4]:  'https://www.derby.ac.uk/departments/derby-law-school/staff/'
```

Getting the Professor Links and Names

```
In [6]:  urls_derby = []
         prof_names_derby = []
         for data in soup_1.find_all('div', class_='h5'):
             for a in data.find_all('a'):
                 urls_derby.append(a.get('href')) #for getting link
```

```
            prof_names_derby.append(a.text) #for getting text between the l
ink



prof_link_derby= []
for lk in urls_derby:
    url = 'https://www.derby.ac.uk/'+lk
    prof_link_derby.append(url)

prof_link_derby
```

Out[6]: ['https://www.derby.ac.uk//staff/gerhardus-kemp/',
 'https://www.derby.ac.uk//staff/bashir-zafar/',
 'https://www.derby.ac.uk//staff/steve-bravery/',
 'https://www.derby.ac.uk//staff/lisa-cherkassky/',
 'https://www.derby.ac.uk//staff/karen-cochrane/',
 'https://www.derby.ac.uk//staff/elisabeth-doherty-astle/',
 'https://www.derby.ac.uk//staff/jo-drummond-child/',
 'https://www.derby.ac.uk//staff/christie-eaton/',
 'https://www.derby.ac.uk//staff/ekhator-eghosa/',
 'https://www.derby.ac.uk//staff/george-ellison/']

In [7]: prof_names_derby

Out[7]: ['Professor Gerhard Kemp',
 'Zafar Bashir',
 'Steve Bravery',
 'Lisa Cherkassky',
 'Karen Cochrane',
 'Elisabeth Doherty',
 'Jo Drummond Child',
 'Christie Eaton',
 'Dr Eghosa Ekhator',
 'George Ellison']

Research Areas of Professors

```
In [8]:  sum_derby = []
         for data in soup_1.find_all('p', class_='search-result-teaser'):
             sum_derby.append(data.text)

         sum_derby
```

Out[8]: ['Gerhard Kemp is a professor of law and specialises in international a
         nd transnational criminal justice, comparative criminal law, internatio
         nal humanitarian law and transitional justice. He is an Alexander von H
         umboldt Research Fellow and a former Senior Research Fellow of the Robe
         rt Bosch Stiftung in Berlin, Germany.',
          'Zafar is a senior lecturer in law on the LLM — Legal Practice Course.
         Zafar has over 27 years experience working as a Partner in large region
         al and national solicitors firms. He brings a wealth of experience to t
         he Derby Law School.',
          "Steve Bravery is a Senior Lecturer in\xa0the University of Derby's La
         w School, primarily teaching modules on the LLM LPC course. His special
         isms relate to the criminal justice system including criminal litigatio
         n and the parole process.",
          'As a Senior Lecturer in Law, Lisa Cherkassky teaches criminal law and
         medical law to law undergraduates, and has published widely in both fie
         lds, on topics such as causation, HIV transmission, genocide, saviour s
         iblings, liver transplants, abortion law, and the welfare of the chil
         d.',
          'Karen is a\xa0practising solicitor with Flint Bishop and is also a as
         sociate lecturer in licensing law.\xa0',
          'As a Lecturer in Law, Liz teaches the fundamental principles of the E
         nglish legal system and Family Law. She is also First Year Tutor on the
         LLB course.\xa0',
          'Jo Drummond Child is a senior lecturer in law and the programme leade
         r for the BA (Hons) Law with\xa0Foundation Year. Prior to joining the\x
         a0University,\xa0Jo was a barrister. Jo is also the academic lead for c
         ollaborative programmes for law and social science partnerships.',
          'Christie is a senior lecturer in the Derby Law School with responsibi
         lity for leading modules on European Union law, European Union Trade La
         w and Land Law.',
          'Dr Eghosa Ekhator is a Senior Lecturer in Law. He joined the Universi
         ty of Derby in September 2019 from the University of Chester, where he
         taught on both undergraduate and postgraduate levels. His primary areas
```

of research are International Environmental Law (especially Environmental Justice issues in developing countries and the African Union) and Natural Resources Governance.',
 'George is a Senior Lecturer in Law and specialise in teaching public law, human rights, and crime.']

## Extracted data is converting to Dataframes

In [9]:
```python
Link_to_Prof = DataFrame (prof_link_derby,columns=['Link'], index = (i for i in range(1,(len(prof_link_derby)+1))))
print(Link_to_Prof)
```

```
                                             Link
1        https://www.derby.ac.uk//staff/gerhardus-kemp/
2          https://www.derby.ac.uk//staff/bashir-zafar/
3         https://www.derby.ac.uk//staff/steve-bravery/
4       https://www.derby.ac.uk//staff/lisa-cherkassky/
5        https://www.derby.ac.uk//staff/karen-cochrane/
6       https://www.derby.ac.uk//staff/elisabeth-doher...
7       https://www.derby.ac.uk//staff/jo-drummond-child/
8         https://www.derby.ac.uk//staff/christie-eaton/
9        https://www.derby.ac.uk//staff/ekhator-eghosa/
10        https://www.derby.ac.uk//staff/george-ellison/
```

In [10]:
```python
Prof_Name = DataFrame (prof_names_derby,columns=['Profesor Name'], index = (i for i in range(1,(len(prof_link_derby)+1))))
print(Prof_Name)
```

```
              Profesor Name
1     Professor Gerhard Kemp
2             Zafar Bashir
3             Steve Bravery
4            Lisa Cherkassky
5             Karen Cochrane
6           Elisabeth Doherty
7           Jo Drummond Child
8              Christie Eaton
```

```
9         Dr Eghosa Ekhator
10          George Ellison
```

```python
Prof_summ = DataFrame (sum_derby,columns=['Summary & Research areas'],
index = (i for i in range(1,(len(prof_link_derby)+1))))
print(Prof_summ)
```

```
                      Summary & Research areas
1    Gerhard Kemp is a professor of law and special...
2    Zafar is a senior lecturer in law on the LLM —...
3    Steve Bravery is a Senior Lecturer in the Univ...
4    As a Senior Lecturer in Law, Lisa Cherkassky t...
5    Karen is a practising solicitor with Flint Bis...
6    As a Lecturer in Law, Liz teaches the fundamen...
7    Jo Drummond Child is a senior lecturer in law ...
8    Christie is a senior lecturer in the Derby Law...
9    Dr Eghosa Ekhator is a Senior Lecturer in Law....
10   George is a Senior Lecturer in Law and special...
```

In [12]:
```python
univ = ['University of Derby' for i in range(10)]
uni = DataFrame (univ,columns=['Name of the University'], index = (i fo
r i in range(1,(len(prof_link_derby)+1))))
print(uni)
```

```
       Name of the University
1        University of Derby
2        University of Derby
3        University of Derby
4        University of Derby
5        University of Derby
6        University of Derby
7        University of Derby
8        University of Derby
9        University of Derby
10       University of Derby
```

Total Professors data in Dataframe

```
In [13]: import pandas as pd
         result = pd.concat([uni,Link_to_Prof,Prof_Name,Prof_summ], axis=1, join
         ='inner')
         result
```

Out[13]:

	Name of the University	Link	Profesor Name	Summary & Research areas
1	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...
2	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...
3	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...
4	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...
5	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...
6	University of Derby	https://www.derby.ac.uk//staff/elisabeth-doher...	Elisabeth Doherty	As a Lecturer in Law, Liz teaches the fundamen...
7	University of Derby	https://www.derby.ac.uk//staff/jo-drummond-child/	Jo Drummond Child	Jo Drummond Child is a senior lecturer in law ...
8	University of Derby	https://www.derby.ac.uk//staff/christie-eaton/	Christie Eaton	Christie is a senior lecturer in the Derby Law...
9	University of Derby	https://www.derby.ac.uk//staff/ekhator-eghosa/	Dr Eghosa Ekhator	Dr Eghosa Ekhator is a Senior Lecturer in Law....
10	University of Derby	https://www.derby.ac.uk//staff/george-ellison/	George Ellison	George is a Senior Lecturer in Law and special...

Second university

```
In [14]:  url_2 = 'https://www.lsbu.ac.uk/study/study-at-lsbu/our-schools/law-and
          -social-sciences/subjects/law/staff'
          page_2 = requests.get(url_2)
          soup_2 = BeautifulSoup(page_2.content, 'html.parser')

In [15]:  page_2.status_code

Out[15]:  200

In [17]:  prof_link_lsbu = []
          prof_names_lsbu = []
          for data in soup_2.find_all('h3', class_="media-heading"):
              for a in data.find_all('a'):
                  prof_link_lsbu.append(a.get('href')) #for getting link
                  prof_names_lsbu.append(a.text)

          (prof_link_lsbu)

Out[17]:  ['https://www.lsbu.ac.uk/about-us/people/people-finder/michael-abiodun-
          olatokun',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/louise-andronico
          u',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/tracey-aquino',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/prof-craig-barke
          r',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/vanessa-beever',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/alan-birbeck',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/lionel-blackma
          n',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/prof-sara-chandl
          er',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/risham-chohan',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/catherine-evan
          s',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/farnush-ghader
          y',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/robert-hush',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/cherry-james',
           'https://www.lsbu.ac.uk/about-us/people/people-finder/dr-peter-kalul
```

```
e',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/ozan-kamilolu',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/sonal-khamajee
t',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/john-koo',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/dr-emmanouela-my
lonaki',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/michael-pugh',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/emma-rehal-wild
e',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/cameron-giles',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/michael-rodney',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/alan-russell',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/chris-shepherd',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/kim-silver',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/katherine-stylia
nou',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/caron-thatcher',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/andy-unger',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/prof-max-weave
r',
 'https://www.lsbu.ac.uk/about-us/people/people-finder/paul-wynell-suth
erland']
```

In [41]:
```python
for i in enumerate(prof_names_lsbu):
    print(i)
```

```
(0, 'Dr Michael Abiodun Olatokun')
(1, ' Louise Andronicou')
(2, ' Tracey Aquino')
(3, 'Prof. Craig Barker')
(4, ' Vanessa Beever')
(5, ' Alan Birbeck')
(6, ' Lionel Blackman')
(7, 'Prof. Sara Chandler')
(8, ' Risham Chohan')
(9, ' Catherine Evans')
(10, ' Farnush Ghadery')
(11, ' Robert Hush')
```

```
(12, 'Dr Cherry James')
(13, 'Dr Peter Kalulé')
(14, 'Dr Ozan Kamiloglu')
(15, ' Sonal Khamajeet')
(16, ' John Koo')
(17, 'Dr Emmanouela Mylonaki')
(18, ' Michael Pugh')
(19, ' Emma Rehal-Wilde')
(20, ' Emma Rehal-Wilde')
(21, 'Dr Michael Rodney')
(22, ' Alan Russell')
(23, ' Chris Shepherd')
(24, ' Kim Silver')
(25, ' Katherine Stylianou')
(26, ' Caron Thatcher')
(27, ' Andy Unger')
(28, 'Prof. Max Weaver')
(29, ' Paul Wynell-Sutherland')
```

In [19]:
```python
sum_lsbu = []
for data in soup_2.find_all('div', class_="col-12 col-sm-8"):
    for title in data.find_all('p'):
        sum_lsbu.append(title.text)
```

In [20]:
```python
sum_lsbu
```

Out[20]:
```
["Michael Abiodun Olatokun is researcher, activist and educator.\xa0\xa
0Since 2016 he has been a Research Fellow at the Bingham Centre for the
Rule of Law where he is also the Head of Public and Youth Engagement. M
ichael's work at the Bingham Centre involves educating young people acr
oss the world about democracy and human rights. He recently created an
online course, 'Citizenship and the Rule of Law', which over 5,000 stud
ents have participated in thus far.\xa0\xa0He is the Coordinator of 'Th
e Rule of Law for Citizenship Education', a UK-wide programme for secon
dary school students. As a result of the success of this work, Michael
was asked to join the Solicitor General's Public Legal Education Commit
tee in 2017. He was a co-author of the minister's vision statement in 2
018.",
 'In the last few years Michael has contributed to several public inqui
```

ries relating to areas of his research. The bodies conducting these inquiries have frequently cited his evidence in producing final recommendations for government decision makers, including the House of Commons Justice Select Committee inquiry into reform of courts and tribunals , the Draft Commissioner for Children and Young People (Jersey) Law 201- Scrutiny review - Care of Children in Jersey Review Panel and the final report of the House of Lords Ad Hoc Select Committee on Citizenship and Civic Engagement.',

"Michael began his career as a community organiser encouraging young people and disenfranchised groups to participate in public life. He has led voter registration projects that have successfully registered hundreds of thousands of first-time voters, working with the Cabinet Office and other partners to promote voter engagement in the run-up to the 2016 European Union Referendum. The University of Nottingham gave Michael an 'Alumni Laureate Award' to recognise his democratic engagement work and he was named a (fee-waiving) Fellow of the Royal Society of the Arts in 2017.",

'Louise is an Associate Professor specialising in Land Law, as well as Director of Student Recruitment and Admissions for the Schools of Law and Social Sciences and Arts and Creative Industries.',

'Tracey Aquino is an accomplished and innovative lecturer in law with a comprehensive blend of hands-on professional and academic teaching experience.',

'Prof. Craig Barker is the Dean of the School of Law and Social Sciences and a Professor of International Law. Appointed in 2015, Prof. Barker has taught extensively in the areas of domestic and international law, as well as international politics. He is a leading international expert on issues relating to diplomatic law.',

'Vanessa is the Director of Education and Student Experience of the School of Law and Social Sciences.',

'Alan is a Senior Lecturer in Law and a practising barrister. Alan has Senior Fellow status with the Higher Education Authority.',

'Lionel Blackman is a solicitor-advocate, the first to win a case in the House of Lords.\xa0\xa0He is Director of the Solicitors International Human Rights Group. He lectures frequently at LSBU and overseas.',

"Sara is a housing solicitor specialising in landlord and tenant law. She works in London South Bank University's Legal Advice Clinic.",

"Senior Law Lecturer, Director of Studies for single honours full time LLB (Hons), admissions tutor for the LLB (Hons) and member of London So

uth Bank University's Employability Committee.",
 'Catherine Evans joined the University in 2015, previously having worked as the Legal Director of Southwark Law Centre. She trained at TV Edwards Solicitors and then moved on to Mary Ward Legal Centre in Central London.',
 'Farnush Ghadery is a Lecturer in Law at London South Bank University.',
 'Robert Hush is a Senior Lecturer in Law and a practicing family law solicitor, specialising in family law.',
 'Dr James specialises in English Legal System, the first year student experience, student mobility, and EU law.\xa0\xa0Within the field of EU law her particular interests are EU citizenship, EU Higher Education law, Erasmus student mobility, and the Area of Freedom, Security and Justice.',
 'Dr Kalulé is a lecturer in Law in the School of Law and Social Sciences.',
 'Dr. Kamiloglu joined to Department of Law in 2020, and he specialises in effects of social movements on law and understanding of legality. Previously he worked in Universities of Essex, SOAS and Birkbeck College where he had gained his PhD degree in Law.',
 'Dr. Kamiloglu is an active researcher focusing on; use and narrations of violence in domestic and international law, how intersections of gender, class and history shapes the law today; ways in which human rights discourses that born out of social movements in the Global South; and roles of 'responsibility' and 'care' in relation to global history of human rights.',
 'He is active in various community projects around the world and took part in various initiatives to protect academics from the Global South and academic freedom of speech.',
 'Sonal Khamajeet is a passionate law lecturer and researcher with a particular expertise in Law of Equity and Trust, Human Rights and Land Law.',
 'John Koo is subject leader for European Union law. His research interests cover EU asylum law and the impact of Brexit on legal education. He is Course Director for the Law Conversion course (PG Diploma/CPE).',
 'Dr Mylonaki specialises in International Criminalisation of Terrorism and criminological approaches to International Criminal Law. She holds a PhD (University of Bristol), an MPhil in Criminology (University of Cambridge) and an LLM in International Law.',

'Michael teaches contract law on the CPE and aspects of international business law on the LLM in International Commercial Law.',
'Emma is in the Department of Law within the School of Law and Social Sciences. She teaches on both the LLB and LLM courses.',
'Emma qualified as a solicitor in 2008 and worked in corporate social responsibility and pro bono management within the legal sector for 12 years before moving into academia.\xa0\xa0Her particular interests are in access to justice and development.',
'Emma holds a BA Hons in Politics & Sociology from the University of Warwick. She completed the Graduate Diploma in Law and Legal Practice Course at the College of Law (now University of Law), and holds a LLM in International Economic Law, Justice and Development from Birkbeck, University of London.',
'Cameron Giles is a Lecturer in the Law Division. His academic interests focus on Criminal Law, Legal Theory, and LGBTQ issues in Law.',
'Cameron completed the MLaw (Exempting) Degree at Northumbria University and was called to the Bar by the Inner Temple in 2016. He then went on to gain an LLM in Legal and Political Theory from the University of York, before returning to Northumbria to undertake a PhD on HIV transmission offences, which he is currently finalising.',
'Cameron teaches on multiple modules within the Law division, including Criminal Law and Introduction to Contract and Tort, and previously taught as an Associate Lecturer at Northumbria. Cameron is keen on integrating experiential learning and contemporary legal research into his teaching.',
'Cameron has written multiple academic and non-academic pieces based on his research, addressing the role of digital evidence in HIV transmission cases, online LBGTQ identities and the punishment of offenders. In addition to several conference papers, Cameron has presented invited seminars at Northumbria and UCL and recently appeared on The Diversity in Research Podcast.',
'Cameron is currently an Assistant Editor for the International Journal of Gender, Sexuality and Law.',
'Dr Michael Rodney is a Senior Lecturer in the School of Law and Social Sciences.',
'Alan is a Senior Law Lecturer. He is a Senior Fellow of the Higher Education Academy and a practising solicitor. He specialises in clinical legal education, civil justice and social welfare law.',
'Chris is the Course Director of the LLM International Commercial Law.

He specialises in contract law, company law and the international sale of goods and is a Senior Fellow of the Higher Education Academy.',
 'Kim Silver is a Senior Lecturer in the Law Division, where she leads final year project modules.',
 'Katherine Stylianou specialises in the following subjects:\xa0\xa0Alternative Dispute Resolution, Mediation Skills and the Law and Analysis of Evidence (mainly Criminal).',
 'Caron has lectured and tutored at LSBU for over 20 years and has used her experience of legal practice to enhance the practical legal content of the subjects that she teaches.',
 'Andy Unger is Head of the Law Division and a Solicitor. He specialises in Legal Education, International Human Rights and Medical Law & Ethics.',
 'Max is deeply interested in the interaction between the common law (which judges 'make') and social needs and norms. He explores these through tort law and through philosophical scholarship.',
 'Paul is a Senior Lecturer in the School of Law and Social Sciences.']

In [33]:
```python
del sum_lsbu[1:3]
del sum_lsbu[16]
del sum_lsbu[18]
print(sum_lsbu)
```

["Michael Abiodun Olatokun is researcher, activist and educator.\xa0\xa0Since 2016 he has been a Research Fellow at the Bingham Centre for the Rule of Law where he is also the Head of Public and Youth Engagement. Michael's work at the Bingham Centre involves educating young people across the world about democracy and human rights. He recently created an online course, 'Citizenship and the Rule of Law', which over 5,000 students have participated in thus far.\xa0\xa0He is the Coordinator of 'The Rule of Law for Citizenship Education', a UK-wide programme for secondary school students. As a result of the success of this work, Michael was asked to join the Solicitor General's Public Legal Education Committee in 2017. He was a co-author of the minister's vision statement in 2018.", 'Louise is an Associate Professor specialising in Land Law, as well as Director of Student Recruitment and Admissions for the Schools of Law and Social Sciences and Arts and Creative Industries.', 'Tracey Aquino is an accomplished and innovative lecturer in law with a comprehensive blend of hands-on professional and academic teaching experienc

e.', 'Prof. Craig Barker is the Dean of the School of Law and Social Sciences and a Professor of International Law. Appointed in 2015, Prof. Barker has taught extensively in the areas of domestic and international law, as well as international politics. He is a leading international expert on issues relating to diplomatic law.', 'Vanessa is the Director of Education and Student Experience of the School of Law and Social Sciences.', 'Alan is a Senior Lecturer in Law and a practising barrister. Alan has Senior Fellow status with the Higher Education Authority.', 'Lionel Blackman is a solicitor-advocate, the first to win a case in the House of Lords.\xa0\xa0He is Director of the Solicitors International Human Rights Group. He lectures frequently at LSBU and overseas.', "Sara is a housing solicitor specialising in landlord and tenant law. She works in London South Bank University's Legal Advice Clinic.", "Senior Law Lecturer, Director of Studies for single honours full time LLB (Hons), admissions tutor for the LLB (Hons) and member of London South Bank University's Employability Committee.", 'Catherine Evans joined the University in 2015, previously having worked as the Legal Director of Southwark Law Centre. She trained at TV Edwards Solicitors and then moved on to Mary Ward Legal Centre in Central London.', 'Farnush Ghadery is a Lecturer in Law at London South Bank University.', 'Robert Hush is a Senior Lecturer in Law and a practicing family law solicitor, specialising in family law.', 'Dr James specialises in English Legal System, the first year student experience, student mobility, and EU law.\xa0\xa0Within the field of EU law her particular interests are EU citizenship, EU Higher Education law, Erasmus student mobility, and the Area of Freedom, Security and Justice.', 'Dr Kalulé is a lecturer in Law in the School of Law and Social Sciences.', 'Dr. Kamiloglu joined to Department of Law in 2020, and he specialises in effects of social movements on law and understanding of legality. Previously he worked in Universities of Essex, SOAS and Birkbeck College where he had gained his PhD degree in Law.', 'Dr. Kamiloglu is an active researcher focusing on; use and narrations of violence in domestic and international law, how intersections of gender, class and history shapes the law today; ways in which human rights discourses that born out of social movements in the Global South; and roles of 'responsibility' and 'care' in relation to global history of human rights.', 'Sonal Khamajeet is a passionate law lecturer and researcher with a particular expertise in Law of Equity and Trust, Human Rights and Land Law.', 'John Koo is subject leader for European Union law. His research interests cover EU asylum law and the impact of Brexit on l

egal education. He is Course Director for the Law Conversion course (PG Diploma/CPE).', 'Michael teaches contract law on the CPE and aspects of international business law on the LLM in International Commercial Law.', 'Emma is in the Department of Law within the School of Law and Social Sciences. She teaches on both the LLB and LLM courses.', 'Emma qualified as a solicitor in 2008 and worked in corporate social responsibility and pro bono management within the legal sector for 12 years before moving into academia.\xa0\xa0Her particular interests are in access to justice and development.', 'Emma holds a BA Hons in Politics & Sociology from the University of Warwick. She completed the Graduate Diploma in Law and Legal Practice Course at the College of Law (now University of Law), and holds a LLM in International Economic Law, Justice and Development from Birkbeck, University of London.', 'Cameron Giles is a Lecturer in the Law Division. His academic interests focus on Criminal Law, Legal Theory, and LGBTQ issues in Law.', 'Cameron completed the MLaw (Exempting) Degree at Northumbria University and was called to the Bar by the Inner Temple in 2016. He then went on to gain an LLM in Legal and Political Theory from the University of York, before returning to Northumbria to undertake a PhD on HIV transmission offences, which he is currently finalising.', 'Cameron teaches on multiple modules within the Law division, including Criminal Law and Introduction to Contract and Tort, and previously taught as an Associate Lecturer at Northumbria. Cameron is keen on integrating experiential learning and contemporary legal research into his teaching.', 'Cameron has written multiple academic and non-academic pieces based on his research, addressing the role of digital evidence in HIV transmission cases, online LBGTQ identities and the punishment of offenders. In addition to several conference papers, Cameron has presented invited seminars at Northumbria and UCL and recently appeared on The Diversity in Research Podcast.', 'Cameron is currently an Assistant Editor for the International Journal of Gender, Sexuality and Law.', 'Dr Michael Rodney is a Senior Lecturer in the School of Law and Social Sciences.', 'Alan is a Senior Law Lecturer. He is a Senior Fellow of the Higher Education Academy and a practising solicitor. He specialises in clinical legal education, civil justice and social welfare law.', 'Chris is the Course Director of the LLM International Commercial Law. He specialises in contract law, company law and the international sale of goods and is a Senior Fellow of the Higher Education Academy.', 'Kim Silver is a Senior Lecturer in the Law Division, where she leads final year project modules.', 'Katherine Stylianou specialises in t

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```
In [34]: for i in enumerate(sum_lsbu):
             print(i)
```

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hrough tort law and through philosophical scholarship.')
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s.')
```

In [37]:
```python
l = sum_lsbu[22:27]
s = ''
for i in l:
    s = s+i

s
```

Out[37]:
```
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s focus on Criminal Law, Legal Theory, and LGBTQ issues in Law.Cameron
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In [38]:
```python
del sum_lsbu[22:27]
```

In [39]:
```python
sum_lsbu.insert(23,s)
```

Out[39]:
["Michael Abiodun Olatokun is researcher, activist and educator.\xa0\xa0Since 2016 he has been a Research Fellow at the Bingham Centre for the Rule of Law where he is also the Head of Public and Youth Engagement. Michael's work at the Bingham Centre involves educating young people across the world about democracy and human rights. He recently created an online course, 'Citizenship and the Rule of Law', which over 5,000 students have participated in thus far.\xa0\xa0He is the Coordinator of 'The Rule of Law for Citizenship Education', a UK-wide programme for secondary school students. As a result of the success of this work, Michael was asked to join the Solicitor General's Public Legal Education Committee in 2017. He was a co-author of the minister's vision statement in 2018.",
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In [42]:
```python
del sum_lsbu[19:21]
```

In [43]:
```python
len(sum_lsbu)
```

Out[43]: 30

In [45]:
```python
Link_to_Prof_1 = DataFrame (prof_link_lsbu,columns=['Link'], index = (i
 for i in range(1,(len(prof_link_lsbu)+1))))
print(Link_to_Prof_1)
```

```python
Prof_Name_1 = DataFrame (prof_names_lsbu,columns=['Profesor Name'], ind
ex = (i for i in range(1,(len(prof_link_lsbu)+1))))
print(Prof_Name_1)


Prof_summ_1 = DataFrame (sum_lsbu,columns=['Summary & Research areas'],
 index = (i for i in range(1,(len(prof_link_lsbu)+1))))
print(Prof_summ_1)


univ_1 = ['London South bank University' for i in range(1,31)]
uni_1 = DataFrame (univ_1,columns=['Name of the University'], index = (
i for i in range(1,(len(prof_link_lsbu)+1))))
print(uni_1)
```

```
                                                            Link
1      https://www.lsbu.ac.uk/about-us/people/people-...
2      https://www.lsbu.ac.uk/about-us/people/people-...
3      https://www.lsbu.ac.uk/about-us/people/people-...
4      https://www.lsbu.ac.uk/about-us/people/people-...
5      https://www.lsbu.ac.uk/about-us/people/people-...
6      https://www.lsbu.ac.uk/about-us/people/people-...
7      https://www.lsbu.ac.uk/about-us/people/people-...
8      https://www.lsbu.ac.uk/about-us/people/people-...
9      https://www.lsbu.ac.uk/about-us/people/people-...
10     https://www.lsbu.ac.uk/about-us/people/people-...
11     https://www.lsbu.ac.uk/about-us/people/people-...
12     https://www.lsbu.ac.uk/about-us/people/people-...
13     https://www.lsbu.ac.uk/about-us/people/people-...
14     https://www.lsbu.ac.uk/about-us/people/people-...
15     https://www.lsbu.ac.uk/about-us/people/people-...
16     https://www.lsbu.ac.uk/about-us/people/people-...
17     https://www.lsbu.ac.uk/about-us/people/people-...
18     https://www.lsbu.ac.uk/about-us/people/people-...
19     https://www.lsbu.ac.uk/about-us/people/people-...
20     https://www.lsbu.ac.uk/about-us/people/people-...
21     https://www.lsbu.ac.uk/about-us/people/people-...
22     https://www.lsbu.ac.uk/about-us/people/people-...
23     https://www.lsbu.ac.uk/about-us/people/people-...
24     https://www.lsbu.ac.uk/about-us/people/people-...
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25   https://www.lsbu.ac.uk/about-us/people/people-...
26   https://www.lsbu.ac.uk/about-us/people/people-...
27   https://www.lsbu.ac.uk/about-us/people/people-...
28   https://www.lsbu.ac.uk/about-us/people/people-...
29   https://www.lsbu.ac.uk/about-us/people/people-...
30   https://www.lsbu.ac.uk/about-us/people/people-...
                        Profesor Name
1    Dr Michael Abiodun Olatokun
2                 Louise Andronicou
3                    Tracey Aquino
4                Prof. Craig Barker
5                   Vanessa Beever
6                    Alan Birbeck
7                  Lionel Blackman
8               Prof. Sara Chandler
9                    Risham Chohan
10                 Catherine Evans
11                 Farnush Ghadery
12                    Robert Hush
13                  Dr Cherry James
14                  Dr Peter Kalulé
15               Dr Ozan Kamiloglu
16                 Sonal Khamajeet
17                      John Koo
18            Dr Emmanouela Mylonaki
19                   Michael Pugh
20               Emma Rehal-Wilde
21               Emma Rehal-Wilde
22               Dr Michael Rodney
23                   Alan Russell
24                 Chris Shepherd
25                    Kim Silver
26              Katherine Stylianou
27                 Caron Thatcher
28                   Andy Unger
29               Prof. Max Weaver
30           Paul Wynell-Sutherland
                     Summary & Research areas
1    Michael Abiodun Olatokun is researcher, activi...
```

```
2    Louise is an Associate Professor specialising ...
3    Tracey Aquino is an accomplished and innovativ...
4    Prof. Craig Barker is the Dean of the School o...
5    Vanessa is the Director of Education and Stude...
6    Alan is a Senior Lecturer in Law and a practis...
7    Lionel Blackman is a solicitor-advocate, the f...
8    Sara is a housing solicitor specialising in la...
9    Senior Law Lecturer, Director of Studies for s...
10   Catherine Evans joined the University in 2015,...
11   Farnush Ghadery is a Lecturer in Law at London...
12   Robert Hush is a Senior Lecturer in Law and a ...
13   Dr James specialises in English Legal System, ...
14   Dr Kalulé is a lecturer in Law in the School o...
15   Dr. Kamiloglu joined to Department of Law in 2...
16   Dr. Kamiloglu is an active researcher focusing...
17   Sonal Khamajeet is a passionate law lecturer a...
18   John Koo is subject leader for European Union ...
19   Michael teaches contract law on the CPE and as...
20   Emma holds a BA Hons in Politics & Sociology f...
21   Dr Michael Rodney is a Senior Lecturer in the ...
22   Cameron Giles is a Lecturer in the Law Divisio...
23   Alan is a Senior Law Lecturer. He is a Senior ...
24   Chris is the Course Director of the LLM Intern...
25   Kim Silver is a Senior Lecturer in the Law Div...
26   Katherine Stylianou specialises in the followi...
27   Caron has lectured and tutored at LSBU for ove...
28   Andy Unger is Head of the Law Division and a S...
29   Max is deeply interested in the interaction be...
30   Paul is a Senior Lecturer in the School of Law...
         Name of the University
1    London South bank University
2    London South bank University
3    London South bank University
4    London South bank University
5    London South bank University
6    London South bank University
7    London South bank University
8    London South bank University
9    London South bank University
```

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10    London South bank University
11    London South bank University
12    London South bank University
13    London South bank University
14    London South bank University
15    London South bank University
16    London South bank University
17    London South bank University
18    London South bank University
19    London South bank University
20    London South bank University
21    London South bank University
22    London South bank University
23    London South bank University
24    London South bank University
25    London South bank University
26    London South bank University
27    London South bank University
28    London South bank University
29    London South bank University
30    London South bank University
```

In [46]:
```python
import pandas as pd
result_1 = pd.concat([uni_1,Link_to_Prof_1,Prof_Name_1,Prof_summ_1], axis=1, join='inner')
result_1.head()
```

Out[46]:

	Name of the University	Link	Profesor Name	Summary & Research areas
1	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Abiodun Olatokun	Michael Abiodun Olatokun is researcher, activi...
2	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Louise Andronicou	Louise is an Associate Professor specialising ...
3	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Tracey Aquino	Tracey Aquino is an accomplished and innovativ...
4	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Craig Barker	Prof. Craig Barker is the Dean of the School o...

	Name of the University	Link	Profesor Name	Summary & Research areas
5	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Vanessa Beever	Vanessa is the Director of Education and Stude...

Third University

```
In [22]:  url3 = 'https://www.dur.ac.uk/law/staff/'
          page3 = requests.get(url3)
          soup3 = BeautifulSoup(page3.content, 'html.parser')
```

```
In [23]:  page3.status_code
```

```
Out[23]:  200
```

```
In [24]:  page3.url
```

```
Out[24]:  'https://www.dur.ac.uk/law/staff/'
```

Durham Law professors and links to their profiles

```
In [25]:  urls_durham = []
          prof_names_durham = []
          for data in soup3.find_all('tbody'):

              for a in data.find_all('td'):

                  for url in a.find_all('a'):
                      #for getting link
                      urls_durham.append(url.get("href"))
```

```
                    #for getting text between the link
                    prof_names_durham.append(a.text)
```

In [26]:
```python
mainurls3 = []
profnames3 = []

for ur in urls_durham:
    if '?id=' in ur:
        mainurls3.append(ur)

for nm in prof_names_durham:
    if (nm.startswith('Mr') or nm.startswith('Dr') or nm.startswith('Mr
s') or nm.startswith('Pr') or nm.startswith('Rt') or nm.startswith('Th'
) or nm.startswith(' Me') or nm.startswith('Da')  or nm.startswith('Mis
s') or nm.startswith('Ms')):
            profnames3.append(nm)
    elif 'Jason' in nm:
            profnames3.append(nm)

print(len(mainurls3))
print(len(profnames3))
```
```
89
89
```

In [27]:
```python
prof_ns =list(profnames3[11:24])
print(prof_ns)


durhurls = []
for lk in mainurls3:
    if not lk.startswith("https://www.dur.ac.uk/"):
        url = 'https://www.dur.ac.uk/'+lk
        durhurls.append(url)
```

```
dururls = durhurls[11:24]
print('\n\n',dururls)
```

['Professor Thom Brooks', 'Dr Graeme Brown', 'Professor Emma Cave', 'Mr
Karamvir Chadha', 'Dr Ge Chen', 'Prof Lei Chen', 'Dr Anca Chirita', 'Mr
Tufyal Choudhury', 'Dr Benedict Douglas', 'Professor Ming Du', 'Profes
sor Helen Fenwick', 'Dr Eleni Frantziou', 'Professor Richard Goldberg']

 ['https://www.dur.ac.uk//law/staff/display/?id=11140', 'https://www.du
r.ac.uk//law/staff/display/?id=17433', 'https://www.dur.ac.uk//law/staf
f/display/?id=11717', 'https://www.dur.ac.uk//law/staff/display/?id=195
07', 'https://www.dur.ac.uk//law/staff/display/?id=17435', 'https://ww
w.dur.ac.uk//law/staff/display/?id=19424', 'https://www.dur.ac.uk//law/
staff/display/?id=9664', 'https://www.dur.ac.uk//law/staff/display/?id=
416', 'https://www.dur.ac.uk//law/staff/display/?id=6430', 'https://ww
w.dur.ac.uk//law/staff/display/?id=18700', 'https://www.dur.ac.uk//law/
staff/display/?id=421', 'https://www.dur.ac.uk//law/staff/display/?id=1
7430', 'https://www.dur.ac.uk//law/staff/display/?id=10657']

In [28]:
```
durres = []
for i in soup3.find_all('td'):
    for txt in i.find_all('ul'):
        durres.append(txt.text)

durhres = durres[11:24]
durhres
```

Out[28]: ['Asylum and Refugee Law Behavioural Economics Brexit British Politics
Capabilities Citizenship Constitutional Law Criminal Justice Criminal L
aw Global Justice & Human Rights Immigration Law & Policy Jurisprudence
Migration Law Political Philosophy Public Policy Restorative Justice Se
ntencing Stakeholder Theory Strategic Communication',
 'Comparative sentencing law and practice Criminal justice Criminal law
and procedure Judicial decision making Philosophy of punishment Sentenc
ing theory, law and practice',
 'Clinical Negligence Compulsion Consent Healthcare research Medical Et
hics Medical Law Capacity',
 'Consent Ethics Ethnicity Jurisprudence Legal Theory Normative Powers

```
Political Philosophy',
 'Copyright law issues (related to free speech) Free speech in internat
ional and comparative perspectives Global constitutionalism and its rel
ation with China TRIPS Agreement',
 'Chinese civil and commercial law Comparative contract law Internation
al arbitration Property law',
 'Competition law (UK/EU) and comparative law (US antitrust law), polic
y and economics Restraint of trade, abuse of a dominant position, merge
rs, and state aid Public policy and the intersection of competition law
with industrial property, big data, consumer law and environmental regu
lation',
 'International human rights Equality and Anti-Discrimination Counter T
errorism Integration, identity and multiculturalism',
 'Domestic and Comparative Constitutional Law Human Rights Law Jurispru
dence',
 "China's Approach to International Law  Comparative corporate Law  For
eign Investment Law  International dispute settlement  The Rule of Law
in China  World trade law (WTO) ",
 'Counter-terrorist law and policy Media freedom of expression (in part
icular contempt law, obscenity law and privacy law) Public protest Huma
n Rights Act; proposals for a Bill of Rights',
 'UK Constitutional Law EU Constitutional Law Constitutional Theory Glo
bal Constitutionalism Human Rights Law Workplace Politics Horizontal Ef
fect Privacy',
 'Product Liability; Torts; Pharmaceutical Law; Causation']
```

In [29]:
```python
Link_to_Prof_2 = DataFrame (dururls,columns=['Link'], index = (i for i
in range(1,(len(dururls)+1))))
print(Link_to_Prof_2)


Prof_Name_2 = DataFrame (prof_ns,columns=['Profesor Name'], index = (i
for i in range(1,(len(dururls)+1))))
print(Prof_Name_2)


Prof_summ_2 = DataFrame (durhres,columns=['Summary & Research areas'],
index = (i for i in range(1,(len(dururls)+1))))
print(Prof_summ_2)
```

```
univ_2 = ['Durham University' for i in range(13)]
uni_2 = DataFrame (univ_2,columns=['Name of the University'], index = (
i for i in range(1,(len(dururls)+1))))
print(uni_2)
```

```
                                                      Link
1     https://www.dur.ac.uk//law/staff/display/?id=1...
2     https://www.dur.ac.uk//law/staff/display/?id=1...
3     https://www.dur.ac.uk//law/staff/display/?id=1...
4     https://www.dur.ac.uk//law/staff/display/?id=1...
5     https://www.dur.ac.uk//law/staff/display/?id=1...
6     https://www.dur.ac.uk//law/staff/display/?id=1...
7     https://www.dur.ac.uk//law/staff/display/?id=9664
8      https://www.dur.ac.uk//law/staff/display/?id=416
9     https://www.dur.ac.uk//law/staff/display/?id=6430
10    https://www.dur.ac.uk//law/staff/display/?id=1...
11     https://www.dur.ac.uk//law/staff/display/?id=421
12    https://www.dur.ac.uk//law/staff/display/?id=1...
13    https://www.dur.ac.uk//law/staff/display/?id=1...
                          Profesor Name
1          Professor Thom Brooks
2                Dr Graeme Brown
3           Professor Emma Cave
4            Mr Karamvir Chadha
5                    Dr Ge Chen
6                  Prof Lei Chen
7                Dr Anca Chirita
8            Mr Tufyal Choudhury
9            Dr Benedict Douglas
10            Professor  Ming Du
11       Professor Helen Fenwick
12           Dr Eleni Frantziou
13    Professor Richard Goldberg
                            Summary & Research areas
1     Asylum and Refugee Law Behavioural Economics B...
2     Comparative sentencing law and practice Crimin...
3     Clinical Negligence Compulsion Consent Healthc...
4     Consent Ethics Ethnicity Jurisprudence Legal T...
```

```
5   Copyright law issues (related to free speech) ...
6   Chinese civil and commercial law Comparative c...
7   Competition law (UK/EU) and comparative law (U...
8   International human rights Equality and Anti-D...
9   Domestic and Comparative Constitutional Law Hu...
10  China's Approach to International Law  Compara...
11  Counter-terrorist law and policy Media freedom...
12  UK Constitutional Law EU Constitutional Law Co...
13  Product Liability; Torts; Pharmaceutical Law; ...
    Name of the University
1        Durham University
2        Durham University
3        Durham University
4        Durham University
5        Durham University
6        Durham University
7        Durham University
8        Durham University
9        Durham University
10       Durham University
11       Durham University
12       Durham University
13       Durham University
```

In [30]:
```python
import pandas as pd
result_2 = pd.concat([uni_2,Link_to_Prof_2,Prof_Name_2,Prof_summ_2], axis=1, join='inner')
result_2
```

Out[30]:

	Name of the University	Link	Profesor Name	Summary & Research areas
1	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Thom Brooks	Asylum and Refugee Law Behavioural Economics B...
2	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Graeme Brown	Comparative sentencing law and practice Crimin...
3	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Emma Cave	Clinical Negligence Compulsion Consent Healthc

	Name of the University	Link	Profesor Name	Summary & Research areas
4	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Mr Karamvir Chadha	Consent Ethics Ethnicity Jurisprudence Legal T...
5	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Ge Chen	Copyright law issues (related to free speech) ...
6	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Prof Lei Chen	Chinese civil and commercial law Comparative c...
7	Durham University	https://www.dur.ac.uk//law/staff/display/?id=9664	Dr Anca Chirita	Competition law (UK/EU) and comparative law (U...
8	Durham University	https://www.dur.ac.uk//law/staff/display/?id=416	Mr Tufyal Choudhury	International human rights Equality and Anti-D...
9	Durham University	https://www.dur.ac.uk//law/staff/display/?id=6430	Dr Benedict Douglas	Domestic and Comparative Constitutional Law Hu...
10	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Ming Du	China's Approach to International Law Compara...
11	Durham University	https://www.dur.ac.uk//law/staff/display/?id=421	Professor Helen Fenwick	Counter-terrorist law and policy Media freedom...
12	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Eleni Frantziou	UK Constitutional Law EU Constitutional Law Co...
13	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Richard Goldberg	Product Liability; Torts; Pharmaceutical Law; ...

In [47]:
```python
df_concat = pd.concat([result, result_1, result_2],ignore_index = True)

print("The total number of Professors from 3 universities are :",(len(df_concat)))
print()
df_concat.head()
```

The total number of Professors from 3 universities are : 53

Out[47]:

	Name of the University	Link	Profesor Name	Summary & Research areas
0	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...
1	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...
2	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...
3	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...
4	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...

In [48]:
```python
ids = [i for i in range(1,47)]
colid = DataFrame (ids,columns=['Col_Id'])


Final_DF = pd.concat([colid, df_concat],ignore_index = True,axis=1)
Final_DF.columns = ['Col_Id','Name of the University','Link','Profesor
 Name','Summary & Research areas']
Final_DF

df = Final_DF.copy()
df
```

Out[48]:

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas
0	1.0	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...
1	2.0	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas
2	3.0	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...
3	4.0	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...
4	5.0	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...
5	6.0	University of Derby	https://www.derby.ac.uk//staff/elisabeth-doher...	Elisabeth Doherty	As a Lecturer in Law, Liz teaches the fundamen...
6	7.0	University of Derby	https://www.derby.ac.uk//staff/jo-drummond-child/	Jo Drummond Child	Jo Drummond Child is a senior lecturer in law ...
7	8.0	University of Derby	https://www.derby.ac.uk//staff/christie-eaton/	Christie Eaton	Christie is a senior lecturer in the Derby Law...
8	9.0	University of Derby	https://www.derby.ac.uk//staff/ekhator-eghosa/	Dr Eghosa Ekhator	Dr Eghosa Ekhator is a Senior Lecturer in Law....
9	10.0	University of Derby	https://www.derby.ac.uk//staff/george-ellison/	George Ellison	George is a Senior Lecturer in Law and special...
10	11.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Abiodun Olatokun	Michael Abiodun Olatokun is researcher, activi...
11	12.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Louise Andronicou	Louise is an Associate Professor specialising ...
12	13.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Tracey Aquino	Tracey Aquino is an accomplished and innovativ...

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas
13	14.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Craig Barker	Prof. Craig Barker is the Dean of the School o...
14	15.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Vanessa Beever	Vanessa is the Director of Education and Stude...
15	16.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Birbeck	Alan is a Senior Lecturer in Law and a practis...
16	17.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Lionel Blackman	Lionel Blackman is a solicitor-advocate, the f...
17	18.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Sara Chandler	Sara is a housing solicitor specialising in la...
18	19.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Risham Chohan	Senior Law Lecturer, Director of Studies for s...
19	20.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Catherine Evans	Catherine Evans joined the University in 2015,...
20	21.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Farnush Ghadery	Farnush Ghadery is a Lecturer in Law at London...
21	22.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Robert Hush	Robert Hush is a Senior Lecturer in Law and a ...
22	23.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Cherry James	Dr James specialises in English Legal System, ...
23	24.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Peter Kalulé	Dr Kalulé is a lecturer in Law in the School o...

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas
24	25.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Ozan Kamiloglu	Dr. Kamiloglu joined to Department of Law in 2...
25	26.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Sonal Khamajeet	Dr. Kamiloglu is an active researcher focusing...
26	27.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	John Koo	Sonal Khamajeet is a passionate law lecturer a...
27	28.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Emmanouela Mylonaki	John Koo is subject leader for European Union ...
28	29.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Michael Pugh	Michael teaches contract law on the CPE and as...
29	30.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Emma holds a BA Hons in Politics & Sociology f...
30	31.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Dr Michael Rodney is a Senior Lecturer in the ...
31	32.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Rodney	Cameron Giles is a Lecturer in the Law Divisio...
32	33.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Russell	Alan is a Senior Law Lecturer. He is a Senior ...
33	34.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Chris Shepherd	Chris is the Course Director of the LLM Intern...
34	35.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Kim Silver	Kim Silver is a Senior Lecturer in the Law Div...

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas
35	36.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Katherine Stylianou	Katherine Stylianou specialises in the followi...
36	37.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Caron Thatcher	Caron has lectured and tutored at LSBU for ove...
37	38.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Andy Unger	Andy Unger is Head of the Law Division and a S...
38	39.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Max Weaver	Max is deeply interested in the interaction be...
39	40.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Paul Wynell-Sutherland	Paul is a Senior Lecturer in the School of Law...
40	41.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Thom Brooks	Asylum and Refugee Law Behavioural Economics B...
41	42.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Graeme Brown	Comparative sentencing law and practice Crimin...
42	43.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Emma Cave	Clinical Negligence Compulsion Consent Healthc...
43	44.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Mr Karamvir Chadha	Consent Ethics Ethnicity Jurisprudence Legal T...
44	45.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Ge Chen	Copyright law issues (related to free speech) ...
45	46.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Prof Lei Chen	Chinese civil and commercial law Comparative c...

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas
46	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=9664	Dr Anca Chirita	Competition law (UK/EU) and comparative law (U...
47	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=416	Mr Tufyal Choudhury	International human rights Equality and Anti-D...
48	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=6430	Dr Benedict Douglas	Domestic and Comparative Constitutional Law Hu...
49	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Ming Du	China's Approach to International Law Compara...
50	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=421	Professor Helen Fenwick	Counter-terrorist law and policy Media freedom...
51	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Eleni Frantziou	UK Constitutional Law EU Constitutional Law Co...
52	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Richard Goldberg	Product Liability; Torts; Pharmaceutical Law; ...

Removing Punctuation and converting to lower case

In [49]:
```
punctuation = """!"#$%&'()*+,-./:;<=>?@[\]^_`{|}~"""
Final_DF['txt_without_punc'] = Final_DF['Summary & Research areas'].str
.lower().apply(lambda x: ''.join(ch for ch in x if ch not in set(punctu
```

```
ation)))
Final_DF['txt_without_punc'][0]
```

Out[49]: 'gerhard kemp is a professor of law and specialises in international an
d transnational criminal justice comparative criminal law international
humanitarian law and transitional justice he is an alexander von humbol
dt research fellow and a former senior research fellow of the robert bo
sch stiftung in berlin germany'

Importing Stop words

In [50]:
```python
import nltk
nltk.download('stopwords')

from nltk.corpus import stopwords
stop_words = stopwords.words('english')

print(stop_words)
```

```
['i', 'me', 'my', 'myself', 'we', 'our', 'ours', 'ourselves', 'you', "y
ou're", "you've", "you'll", "you'd", 'your', 'yours', 'yourself', 'your
selves', 'he', 'him', 'his', 'himself', 'she', "she's", 'her', 'hers',
'herself', 'it', "it's", 'its', 'itself', 'they', 'them', 'their', 'the
irs', 'themselves', 'what', 'which', 'who', 'whom', 'this', 'that', "th
at'll", 'these', 'those', 'am', 'is', 'are', 'was', 'were', 'be', 'bee
n', 'being', 'have', 'has', 'had', 'having', 'do', 'does', 'did', 'doin
g', 'a', 'an', 'the', 'and', 'but', 'if', 'or', 'because', 'as', 'unti
l', 'while', 'of', 'at', 'by', 'for', 'with', 'about', 'against', 'betw
een', 'into', 'through', 'during', 'before', 'after', 'above', 'below',
'to', 'from', 'up', 'down', 'in', 'out', 'on', 'off', 'over', 'under',
'again', 'further', 'then', 'once', 'here', 'there', 'when', 'where',
'why', 'how', 'all', 'any', 'both', 'each', 'few', 'more', 'most', 'oth
er', 'some', 'such', 'no', 'nor', 'not', 'only', 'own', 'same', 'so',
'than', 'too', 'very', 's', 't', 'can', 'will', 'just', 'don', "don't",
'should', "should've", 'now', 'd', 'll', 'm', 'o', 're', 've', 'y', 'ai
n', 'aren', "aren't", 'couldn', "couldn't", 'didn', "didn't", 'doesn',
"doesn't", 'hadn', "hadn't", 'hasn', "hasn't", 'haven', "haven't", 'is
n', "isn't", 'ma', 'mightn', "mightn't", 'mustn', "mustn't", 'needn',
```

```
           "needn't", 'shan', "shan't", 'shouldn', "shouldn't", 'wasn', "wasn't",
           'weren', "weren't", 'won', "won't", 'wouldn', "wouldn't"]
```

In [51]:
```python
Final_DF['clean_text'] = Final_DF['txt_without_punc'].apply(lambda x: '
 '.join([item for item in x.split() if item not in stop_words]))
Final_DF
```

Out[51]:

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
0	1.0	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...	gerhard profess and
1	2.0	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...	zafar is lecturer th
2	3.0	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...	steve br senic in f
3	4.0	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...	as lecturer i cherka
4	5.0	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...	a p solicito
5	6.0	University of Derby	https://www.derby.ac.uk//staff/elisabeth-doher...	Elisabeth Doherty	As a Lecturer in Law, Liz teaches the fundamen...	as a l law liz tea fun

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
6	7.0	University of Derby	https://www.derby.ac.uk//staff/jo-drummond-child/	Jo Drummond Child	Jo Drummond Child is a senior lecturer in law ...	jo drumm is a senic
7	8.0	University of Derby	https://www.derby.ac.uk//staff/christie-eaton/	Christie Eaton	Christie is a senior lecturer in the Derby Law...	christie is lectu de
8	9.0	University of Derby	https://www.derby.ac.uk//staff/ekhator-eghosa/	Dr Eghosa Ekhator	Dr Eghosa Ekhator is a Senior Lecturer in Law....	dr eghos is a senic
9	10.0	University of Derby	https://www.derby.ac.uk//staff/george-ellison/	George Ellison	George is a Senior Lecturer in Law and special...	george is lecturer i
10	11.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Abiodun Olatokun	Michael Abiodun Olatokun is researcher, activi...	michae o re
11	12.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Louise Andronicou	Louise is an Associate Professor specialising ...	lo a spec
12	13.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Tracey Aquino	Tracey Aquino is an accomplished and innovativ...	tracey an acco and ir
13	14.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Craig Barker	Prof. Craig Barker is the Dean of the School o...	prof craig the de so

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
14	15.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Vanessa Beever	Vanessa is the Director of Education and Stude...	vane c educ
15	16.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Birbeck	Alan is a Senior Lecturer in Law and a practis...	alan is lecturer ii a
16	17.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Lionel Blackman	Lionel Blackman is a solicitor-advocate, the f...	lionel bla a solicitor
17	18.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Sara Chandler	Sara is a housing solicitor specialising in la...	sara is a specialisi
18	19.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Risham Chohan	Senior Law Lecturer, Director of Studies for s...	senior lav director o
19	20.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Catherine Evans	Catherine Evans joined the University in 2015,...	catheri j universit
20	21.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Farnush Ghadery	Farnush Ghadery is a Lecturer in Law at London...	farnush g a lecturer
21	22.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Robert Hush	Robert Hush is a Senior Lecturer in Law and a ...	robert senior l law

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
22	23.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Cherry James	Dr James specialises in English Legal System, ...	spec eng s
23	24.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Peter Kalulé	Dr Kalulé is a lecturer in Law in the School o...	dr k lecture the s
24	25.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Ozan Kamiloglu	Dr. Kamiloglu joined to Department of Law in 2...	dr departm
25	26.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Sonal Khamajeet	Dr. Kamiloglu is an active researcher focusing...	dr kamil active re fc
26	27.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	John Koo	Sonal Khamajeet is a passionate law lecturer a...	sonal kha a passic le
27	28.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Emmanouela Mylonaki	John Koo is subject leader for European Union ...	john koo europear
28	29.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Michael Pugh	Michael teaches contract law on the CPE and as...	michae contra the cpe
29	30.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Emma holds a BA Hons in Politics & Sociology f...	emma h hons soci

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
30	31.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Dr Michael Rodney is a Senior Lecturer in the ...	dr micha is a senic
31	32.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Rodney	Cameron Giles is a Lecturer in the Law Divisio...	cameron lecturer
32	33.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Russell	Alan is a Senior Law Lecturer. He is a Senior ...	alan is law lect a
33	34.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Chris Shepherd	Chris is the Course Director of the LLM Intern...	chris is tl director
34	35.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Kim Silver	Kim Silver is a Senior Lecturer in the Law Div...	kim senior l the
35	36.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Katherine Stylianou	Katherine Stylianou specialises in the followi...	speciali:
36	37.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Caron Thatcher	Caron has lectured and tutored at LSBU for ove...	caron ha: and tutore
37	38.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Andy Unger	Andy Unger is Head of the Law Division and a S...	andy head division
38	39.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Max Weaver	Max is deeply interested in the interaction be...	max interes interac

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
39	40.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Paul Wynell-Sutherland	Paul is a Senior Lecturer in the School of Law...	paul is lectu schoo
40	41.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Thom Brooks	Asylum and Refugee Law Behavioural Economics B...	as ref be econ
41	42.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Graeme Brown	Comparative sentencing law and practice Crimin...	cor sente and
42	43.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Emma Cave	Clinical Negligence Compulsion Consent Healthc...	clinical n cc consent
43	44.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Mr Karamvir Chadha	Consent Ethics Ethnicity Jurisprudence Legal T...	cons juris
44	45.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Ge Chen	Copyright law issues (related to free speech) ...	cop issues free sp
45	46.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Prof Lei Chen	Chinese civil and commercial law Comparative c...	chinese comm compa
46	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=9664	Dr Anca Chirita	Competition law (UK/EU) and comparative law (U...	compe compa

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
47	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=416	Mr Tufyal Choudhury	International human rights Equality and Anti-D...	inte hum equ
48	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=6430	Dr Benedict Douglas	Domestic and Comparative Constitutional Law Hu...	dom con constitu
49	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Ming Du	China's Approach to International Law Compara...	chinas to inte law co
50	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=421	Professor Helen Fenwick	Counter-terrorist law and policy Media freedom...	count law a media fr
51	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Eleni Frantziou	UK Constitutional Law EU Constitutional Law Co...	uk cons constitu
52	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Richard Goldberg	Product Liability; Torts; Pharmaceutical Law; ...	produ pharm

In [52]:
```python
from nltk.stem.snowball import SnowballStemmer

# Use English stemmer.
stemmer = SnowballStemmer("english")

Final_DF['cleartext'] = Final_DF['clean_text'].str.split().apply([lambda x: [stemmer.stem(y) for y in x]]) # Stem every word.
```

In [53]: `Final_DF`

Out[53]:

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
0	1.0	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...	gerhard profes and
1	2.0	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...	zafar is lecturer th
2	3.0	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...	steve bra senio in f
3	4.0	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...	as lecturer i cherka
4	5.0	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...	a solicito
5	6.0	University of Derby	https://www.derby.ac.uk//staff/elisabeth-doher...	Elisabeth Doherty	As a Lecturer in Law, Liz teaches the fundamen...	as a l law liz tea fun
6	7.0	University of Derby	https://www.derby.ac.uk//staff/jo-drummond-child/	Jo Drummond Child	Jo Drummond Child is a senior lecturer in law ...	jo drumm is a senic
7	8.0	University of Derby	https://www.derby.ac.uk//staff/christie-eaton/	Christie Eaton	Christie is a senior lecturer in the Derby Law...	christie is lectu de

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
8	9.0	University of Derby	https://www.derby.ac.uk//staff/ekhator-eghosa/	Dr Eghosa Ekhator	Dr Eghosa Ekhator is a Senior Lecturer in Law....	dr eghos is a senic
9	10.0	University of Derby	https://www.derby.ac.uk//staff/george-ellison/	George Ellison	George is a Senior Lecturer in Law and special...	george is lecturer ir
10	11.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Abiodun Olatokun	Michael Abiodun Olatokun is researcher, activi...	michae o re
11	12.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Louise Andronicou	Louise is an Associate Professor specialising ...	lo a spec
12	13.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Tracey Aquino	Tracey Aquino is an accomplished and innovativ...	tracey an acc and ir
13	14.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Craig Barker	Prof. Craig Barker is the Dean of the School o...	prof craig the de sc
14	15.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Vanessa Beever	Vanessa is the Director of Education and Stude...	vanes c educ
15	16.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Birbeck	Alan is a Senior Lecturer in Law and a practis...	alan is lecturer ir a

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
16	17.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Lionel Blackman	Lionel Blackman is a solicitor-advocate, the f...	lionel bla a solicitor
17	18.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Sara Chandler	Sara is a housing solicitor specialising in la...	sara is a specialisi
18	19.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Risham Chohan	Senior Law Lecturer, Director of Studies for s...	senior lay director
19	20.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Catherine Evans	Catherine Evans joined the University in 2015,...	catheri j universit
20	21.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Farnush Ghadery	Farnush Ghadery is a Lecturer in Law at London...	farnush g a lecturer
21	22.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Robert Hush	Robert Hush is a Senior Lecturer in Law and a ...	robert senior l law
22	23.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Cherry James	Dr James specialises in English Legal System, ...	spec eng s
23	24.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Peter Kalulé	Dr Kalulé is a lecturer in Law in the School o...	dr k lecture the s

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
24	25.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Ozan Kamiloglu	Dr. Kamiloglu joined to Department of Law in 2...	dr departmo
25	26.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Sonal Khamajeet	Dr. Kamiloglu is an active researcher focusing...	dr kamilo active re fo
26	27.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	John Koo	Sonal Khamajeet is a passionate law lecturer a...	sonal kha a passic le
27	28.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Emmanouela Mylonaki	John Koo is subject leader for European Union ...	john koo europear
28	29.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Michael Pugh	Michael teaches contract law on the CPE and as...	michae contra the cpe
29	30.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Emma holds a BA Hons in Politics & Sociology f...	emma h hons soci
30	31.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Dr Michael Rodney is a Senior Lecturer in the ...	dr micha is a senic
31	32.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Rodney	Cameron Giles is a Lecturer in the Law Divisio...	cameron lecturer

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
32	33.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Russell	Alan is a Senior Law Lecturer. He is a Senior ...	alan is law lect a
33	34.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Chris Shepherd	Chris is the Course Director of the LLM Intern...	chris is th director
34	35.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Kim Silver	Kim Silver is a Senior Lecturer in the Law Div...	kim senior l the
35	36.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Katherine Stylianou	Katherine Stylianou specialises in the followi...	specialis
36	37.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Caron Thatcher	Caron has lectured and tutored at LSBU for ove...	caron has and tutore
37	38.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Andy Unger	Andy Unger is Head of the Law Division and a S...	andy head division
38	39.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Max Weaver	Max is deeply interested in the interaction be...	max interes interac
39	40.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Paul Wynell-Sutherland	Paul is a Senior Lecturer in the School of Law...	paul is lectu schoo
40	41.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Thom Brooks	Asylum and Refugee Law Behavioural Economics B...	as ref be econd

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
41	42.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Graeme Brown	Comparative sentencing law and practice Crimin...	cor sente and
42	43.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Emma Cave	Clinical Negligence Compulsion Consent Healthc...	clinical n cc consent
43	44.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Mr Karamvir Chadha	Consent Ethics Ethnicity Jurisprudence Legal T...	cons juris
44	45.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Ge Chen	Copyright law issues (related to free speech) ...	cop issues free sp
45	46.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Prof Lei Chen	Chinese civil and commercial law Comparative c...	chinese comm compa
46	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=9664	Dr Anca Chirita	Competition law (UK/EU) and comparative law (U...	compe compa
47	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=416	Mr Tufyal Choudhury	International human rights Equality and Anti-D...	inte hum eq
48	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=6430	Dr Benedict Douglas	Domestic and Comparative Constitutional Law Hu...	dom cor constitu

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
49	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Ming Du	China's Approach to International Law Compara...	chinas to inte law co
50	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=421	Professor Helen Fenwick	Counter-terrorist law and policy Media freedom...	count law a media fr
51	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Eleni Frantziou	UK Constitutional Law EU Constitutional Law Co...	uk con constitu
52	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Richard Goldberg	Product Liability; Torts; Pharmaceutical Law; ...	produ pharm

In [54]: `Final_DF['Stemm_text'] = Final_DF["cleartext"].str.join(" ")`

In [55]: `Final_DF`

Out[55]:

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
0	1.0	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...	gerhard profess and

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
1	2.0	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...	zafar is lecturer tl
2	3.0	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...	steve bra senic in t
3	4.0	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...	as lecturer i cherka
4	5.0	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...	a ¡ solicito
5	6.0	University of Derby	https://www.derby.ac.uk//staff/elisabeth-doher...	Elisabeth Doherty	As a Lecturer in Law, Liz teaches the fundamen...	as a l law liz tea fun
6	7.0	University of Derby	https://www.derby.ac.uk//staff/jo-drummond-child/	Jo Drummond Child	Jo Drummond Child is a senior lecturer in law ...	jo drumm is a senic
7	8.0	University of Derby	https://www.derby.ac.uk//staff/christie-eaton/	Christie Eaton	Christie is a senior lecturer in the Derby Law...	christie is lectu de
8	9.0	University of Derby	https://www.derby.ac.uk//staff/ekhator-eghosa/	Dr Eghosa Ekhator	Dr Eghosa Ekhator is a Senior Lecturer in Law....	dr eghos is a senic

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
9	10.0	University of Derby	https://www.derby.ac.uk//staff/george-ellison/	George Ellison	George is a Senior Lecturer in Law and special...	george is lecturer i
10	11.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Abiodun Olatokun	Michael Abiodun Olatokun is researcher, activi...	michae o re
11	12.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Louise Andronicou	Louise is an Associate Professor specialising ...	lo spec
12	13.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Tracey Aquino	Tracey Aquino is an accomplished and innovativ...	tracey an acc and ir
13	14.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Craig Barker	Prof. Craig Barker is the Dean of the School o...	prof craig the de sc
14	15.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Vanessa Beever	Vanessa is the Director of Education and Stude...	vane c educ
15	16.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Birbeck	Alan is a Senior Lecturer in Law and a practis...	alan is lecturer i a
16	17.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Lionel Blackman	Lionel Blackman is a solicitor-advocate, the f...	lionel bla a solicitor

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
17	18.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Sara Chandler	Sara is a housing solicitor specialising in la...	sara is a specialisi
18	19.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Risham Chohan	Senior Law Lecturer, Director of Studies for s...	senior law director o
19	20.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Catherine Evans	Catherine Evans joined the University in 2015,...	catheri j universit
20	21.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Farnush Ghadery	Farnush Ghadery is a Lecturer in Law at London...	farnush g a lecturer
21	22.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Robert Hush	Robert Hush is a Senior Lecturer in Law and a ...	robert senior l law
22	23.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Cherry James	Dr James specialises in English Legal System, ...	spec eng s
23	24.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Peter Kalulé	Dr Kalulé is a lecturer in Law in the School o...	dr k lecture the s
24	25.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Ozan Kamiloglu	Dr. Kamiloglu joined to Department of Law in 2...	dr departme

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho...
25	26.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Sonal Khamajeet	Dr. Kamiloglu is an active researcher focusing...	dr kamil active re fo
26	27.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	John Koo	Sonal Khamajeet is a passionate law lecturer a...	sonal kha a passi le
27	28.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Emmanouela Mylonaki	John Koo is subject leader for European Union ...	john koo europea
28	29.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Michael Pugh	Michael teaches contract law on the CPE and as...	michae contra the cpe
29	30.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Emma holds a BA Hons in Politics & Sociology f...	emma h hons soci
30	31.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Dr Michael Rodney is a Senior Lecturer in the ...	dr micha is a senic
31	32.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Rodney	Cameron Giles is a Lecturer in the Law Divisio...	cameron lecturer
32	33.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Russell	Alan is a Senior Law Lecturer. He is a Senior ...	alan is law lect a

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
33	34.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Chris Shepherd	Chris is the Course Director of the LLM Intern...	chris is th director
34	35.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Kim Silver	Kim Silver is a Senior Lecturer in the Law Div...	kim senior l the
35	36.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Katherine Stylianou	Katherine Stylianou specialises in the followi...	specialis
36	37.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Caron Thatcher	Caron has lectured and tutored at LSBU for ove...	caron has and tutore
37	38.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Andy Unger	Andy Unger is Head of the Law Division and a S...	andy head division
38	39.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Max Weaver	Max is deeply interested in the interaction be...	max interes interac
39	40.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Paul Wynell-Sutherland	Paul is a Senior Lecturer in the School of Law...	paul is lectu schoo
40	41.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Thom Brooks	Asylum and Refugee Law Behavioural Economics B...	as ref be econe

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
41	42.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Graeme Brown	Comparative sentencing law and practice Crimin...	con sente an
42	43.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Emma Cave	Clinical Negligence Compulsion Consent Healthc...	clinical n c consent
43	44.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Mr Karamvir Chadha	Consent Ethics Ethnicity Jurisprudence Legal T...	cons juris
44	45.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Ge Chen	Copyright law issues (related to free speech) ...	copy issues free sp
45	46.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Prof Lei Chen	Chinese civil and commercial law Comparative c...	chinese comm compa
46	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=9664	Dr Anca Chirita	Competition law (UK/EU) and comparative law (U...	compe compa
47	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=416	Mr Tufyal Choudhury	International human rights Equality and Anti-D...	inte hum eq
48	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=6430	Dr Benedict Douglas	Domestic and Comparative Constitutional Law Hu...	dom cor constitu

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
49	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Ming Du	China's Approach to International Law Compara...	chinas to inte law cc
50	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=421	Professor Helen Fenwick	Counter-terrorist law and policy Media freedom...	count law a media fr
51	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Eleni Frantziou	UK Constitutional Law EU Constitutional Law Co...	uk cons constitu
52	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Richard Goldberg	Product Liability; Torts; Pharmaceutical Law; ...	produ pharm

In [56]:
```python
import nltk

w_tokenizer = nltk.tokenize.WhitespaceTokenizer()
lemmatizer = nltk.stem.WordNetLemmatizer()

def lemmatize_text(Stemm_text):
    return [lemmatizer.lemmatize(w) for w in w_tokenizer.tokenize(Stemm_text)]

Final_DF['text_lemmatized'] = (Final_DF['Stemm_text'].apply(lemmatize_text)).str.join(' ')
```

In [57]:
```python
Final_DF
```

Out[57]:

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
0	1.0	University of Derby	https://www.derby.ac.uk//staff/gerhardus-kemp/	Professor Gerhard Kemp	Gerhard Kemp is a professor of law and special...	gerhard l profess and
1	2.0	University of Derby	https://www.derby.ac.uk//staff/bashir-zafar/	Zafar Bashir	Zafar is a senior lecturer in law on the LLM –...	zafar is lecturer tl
2	3.0	University of Derby	https://www.derby.ac.uk//staff/steve-bravery/	Steve Bravery	Steve Bravery is a Senior Lecturer in the Univ...	steve bra senio in t
3	4.0	University of Derby	https://www.derby.ac.uk//staff/lisa-cherkassky/	Lisa Cherkassky	As a Senior Lecturer in Law, Lisa Cherkassky t...	as lecturer i cherka
4	5.0	University of Derby	https://www.derby.ac.uk//staff/karen-cochrane/	Karen Cochrane	Karen is a practising solicitor with Flint Bis...	a solicito
5	6.0	University of Derby	https://www.derby.ac.uk//staff/elisabeth-doher...	Elisabeth Doherty	As a Lecturer in Law, Liz teaches the fundamen...	as a l law liz te fun
6	7.0	University of Derby	https://www.derby.ac.uk//staff/jo-drummond-child/	Jo Drummond Child	Jo Drummond Child is a senior lecturer in law ...	jo drumm is a senic
7	8.0	University of Derby	https://www.derby.ac.uk//staff/christie-eaton/	Christie Eaton	Christie is a senior lecturer in the Derby Law...	christie is lectu de

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
8	9.0	University of Derby	https://www.derby.ac.uk//staff/ekhator-eghosa/	Dr Eghosa Ekhator	Dr Eghosa Ekhator is a Senior Lecturer in Law....	dr eghos is a senio
9	10.0	University of Derby	https://www.derby.ac.uk//staff/george-ellison/	George Ellison	George is a Senior Lecturer in Law and special...	george is lecturer in
10	11.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Abiodun Olatokun	Michael Abiodun Olatokun is researcher, activi...	michae o re
11	12.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Louise Andronicou	Louise is an Associate Professor specialising ...	lo a spec
12	13.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Tracey Aquino	Tracey Aquino is an accomplished and innovativ...	tracey an acco and ir
13	14.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Craig Barker	Prof. Craig Barker is the Dean of the School o...	prof craig the de sc
14	15.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Vanessa Beever	Vanessa is the Director of Education and Stude...	vanes c educ
15	16.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Birbeck	Alan is a Senior Lecturer in Law and a practis...	alan is lecturer in a

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
16	17.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Lionel Blackman	Lionel Blackman is a solicitor-advocate, the f...	lionel bla a solicitor
17	18.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Sara Chandler	Sara is a housing solicitor specialising in la...	sara is a specialisi
18	19.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Risham Chohan	Senior Law Lecturer, Director of Studies for s...	senior lav director
19	20.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Catherine Evans	Catherine Evans joined the University in 2015,...	catheri j universit
20	21.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Farnush Ghadery	Farnush Ghadery is a Lecturer in Law at London...	farnush g a lecturer
21	22.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Robert Hush	Robert Hush is a Senior Lecturer in Law and a ...	robert senior l law
22	23.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Cherry James	Dr James specialises in English Legal System, ...	spec eng s
23	24.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Peter Kalulé	Dr Kalulé is a lecturer in Law in the School o...	dr k lecture the s

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
24	25.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Ozan Kamiloglu	Dr. Kamiloglu joined to Department of Law in 2...	dr departme
25	26.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Sonal Khamajeet	Dr. Kamiloglu is an active researcher focusing...	dr kamilc active re fc
26	27.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	John Koo	Sonal Khamajeet is a passionate law lecturer a...	sonal kha a passic le
27	28.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Emmanouela Mylonaki	John Koo is subject leader for European Union ...	john koo europear
28	29.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Michael Pugh	Michael teaches contract law on the CPE and as...	michae contra the cpe
29	30.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Emma holds a BA Hons in Politics & Sociology f...	emma h hons soci
30	31.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Emma Rehal-Wilde	Dr Michael Rodney is a Senior Lecturer in the ...	dr micha is a senic
31	32.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Dr Michael Rodney	Cameron Giles is a Lecturer in the Law Divisio...	cameron lecturer

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
32	33.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Alan Russell	Alan is a Senior Law Lecturer. He is a Senior ...	alan is law lect a
33	34.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Chris Shepherd	Chris is the Course Director of the LLM Intern...	chris is th director
34	35.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Kim Silver	Kim Silver is a Senior Lecturer in the Law Div...	kim senior l the
35	36.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Katherine Stylianou	Katherine Stylianou specialises in the followi...	specialis
36	37.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Caron Thatcher	Caron has lectured and tutored at LSBU for ove...	caron has and tutore
37	38.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Andy Unger	Andy Unger is Head of the Law Division and a S...	andy head division
38	39.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Prof. Max Weaver	Max is deeply interested in the interaction be...	max interes interac
39	40.0	London South bank University	https://www.lsbu.ac.uk/about-us/people/people-...	Paul Wynell-Sutherland	Paul is a Senior Lecturer in the School of Law...	paul is lectu schoo

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
40	41.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Thom Brooks	Asylum and Refugee Law Behavioural Economics B...	as ref be econc
41	42.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Graeme Brown	Comparative sentencing law and practice Crimin...	cor sente anc
42	43.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Emma Cave	Clinical Negligence Compulsion Consent Healthc...	clinical ne cc consent
43	44.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Mr Karamvir Chadha	Consent Ethics Ethnicity Jurisprudence Legal T...	cons juris
44	45.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Ge Chen	Copyright law issues (related to free speech) ...	cop issues free sp
45	46.0	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Prof Lei Chen	Chinese civil and commercial law Comparative c...	chinese comm compa
46	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=9664	Dr Anca Chirita	Competition law (UK/EU) and comparative law (U...	compe compa
47	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=416	Mr Tufyal Choudhury	International human rights Equality and Anti-D...	inte hum eq

	Col_Id	Name of the University	Link	Profesor Name	Summary & Research areas	txt_witho
48	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=6430	Dr Benedict Douglas	Domestic and Comparative Constitutional Law Hu...	dom cor constitu
49	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Ming Du	China's Approach to International Law Compara...	chinas to inte law cc
50	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=421	Professor Helen Fenwick	Counter-terrorist law and policy Media freedom...	count law a media fr
51	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Dr Eleni Frantziou	UK Constitutional Law EU Constitutional Law Co...	uk cons constitu
52	NaN	Durham University	https://www.dur.ac.uk//law/staff/display/?id=1...	Professor Richard Goldberg	Product Liability; Torts; Pharmaceutical Law; ...	produ pharm

In [58]:
```python
lt_ws = []
for lt in Final_DF['cleartext']:
    lt_ws.append(lt)


print(lt_ws)
```

[['gerhard', 'kemp', 'professor', 'law', 'specialis', 'intern', 'transn at', 'crimin', 'justic', 'compar', 'crimin', 'law', 'intern', 'humanita rian', 'law', 'transit', 'justic', 'alexand', 'von', 'humboldt', 'resea rch', 'fellow', 'former', 'senior', 'research', 'fellow', 'robert', 'bo

sch', 'stiftung', 'berlin', 'germani'], ['zafar', 'senior', 'lectur',
'law', 'llm', '—', 'legal', 'practic', 'cours', 'zafar', '27', 'year',
'experi', 'work', 'partner', 'larg', 'region', 'nation', 'solicitor',
'firm', 'bring', 'wealth', 'experi', 'derbi', 'law', 'school'], ['stev
e', 'braveri', 'senior', 'lectur', 'univers', 'derbi', 'law', 'school',
'primarili', 'teach', 'modul', 'llm', 'lpc', 'cours', 'special', 'rela
t', 'crimin', 'justic', 'system', 'includ', 'crimin', 'litig', 'parol',
'process'], ['senior', 'lectur', 'law', 'lisa', 'cherkasski', 'teach',
'crimin', 'law', 'medic', 'law', 'law', 'undergradu', 'publish', 'wid
e', 'field', 'topic', 'causat', 'hiv', 'transmiss', 'genocid', 'saviou
r', 'sibl', 'liver', 'transplant', 'abort', 'law', 'welfar', 'child'],
['karen', 'practis', 'solicitor', 'flint', 'bishop', 'also', 'associ',
'lectur', 'licens', 'law'], ['lectur', 'law', 'liz', 'teach', 'fundamen
t', 'principl', 'english', 'legal', 'system', 'famili', 'law', 'also',
'first', 'year', 'tutor', 'llb', 'cours'], ['jo', 'drummond', 'child',
'senior', 'lectur', 'law', 'programm', 'leader', 'ba', 'hon', 'law', 'f
oundat', 'year', 'prior', 'join', 'univers', 'jo', 'barrist', 'jo', 'al
so', 'academ', 'lead', 'collabor', 'programm', 'law', 'social', 'scien
c', 'partnership'], ['christi', 'senior', 'lectur', 'derbi', 'law', 'sc
hool', 'respons', 'lead', 'modul', 'european', 'union', 'law', 'europea
n', 'union', 'trade', 'law', 'land', 'law'], ['dr', 'eghosa', 'ekhat',
'senior', 'lectur', 'law', 'join', 'univers', 'derbi', 'septemb', '201
9', 'univers', 'chester', 'taught', 'undergradu', 'postgradu', 'level',
'primari', 'area', 'research', 'intern', 'environment', 'law', 'espec
i', 'environment', 'justic', 'issu', 'develop', 'countri', 'african',
'union', 'natur', 'resourc', 'govern'], ['georg', 'senior', 'lectur',
'law', 'specialis', 'teach', 'public', 'law', 'human', 'right', 'crim
e'], ['michael', 'abiodun', 'olatokun', 'research', 'activist', 'educ',
'sinc', '2016', 'research', 'fellow', 'bingham', 'centr', 'rule', 'la
w', 'also', 'head', 'public', 'youth', 'engag', 'michael', 'work', 'bin
gham', 'centr', 'involv', 'educ', 'young', 'peopl', 'across', 'world',
'democraci', 'human', 'right', 'recent', 'creat', 'onlin', 'cours', 'ci
tizenship', 'rule', 'law', '5000', 'student', 'particip', 'thus', 'fa
r', 'coordin', 'rule', 'law', 'citizenship', 'educ', 'ukwid', 'program
m', 'secondari', 'school', 'student', 'result', 'success', 'work', 'mic
hael', 'ask', 'join', 'solicitor', 'general', 'public', 'legal', 'edu
c', 'committe', '2017', 'coauthor', 'minist', 'vision', 'statement', '2
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Indexing the text

```
In [59]: lt_ws = []
         for lt in Final_DF['cleartext']:
             lt_ws.append(lt)

         for lt in lt_ws:
             indexing = {wrd : [(lt_ws.index(lt))+1] for wrd in lt}

         indexing

Out[59]: {'product': [53],
          'liabil': [53],
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In [60]: from collections import defaultdict

         class invertedIndex(object):
             def __init__(self,docs):
                 self.docSets = defaultdict(set)
                 for index, doc in enumerate(docs):
                     for term in doc.split():
                         self.docSets[term].add(index)

                 print(self.docSets)

             def search(self,term):
                 return self.docSets[term]


         docs=[sent for sent in Final_DF.clean_text]
         i=invertedIndex(docs)
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Query Processing

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query = input("Enter Your Research Topic : ")
st = (i.search(query))


for k in st :
    print('\n',df.loc[k, :])
    print("\nThe link is :", Final_DF.loc[k,'Link'])
    print("\nResearch areas of Professor is :", Final_DF.loc[k,'Summary
 & Research areas'])
```

```
Enter Your Research Topic : criminal

 Col_Id
        1
Name of the University                           University of
Derby
Link                        https://www.derby.ac.uk//staff/gerhardus
-kemp/
Profesor Name                                  Professor Gerhar
d Kemp
Summary & Research areas      Gerhard Kemp is a professor of law and spec
ial...
Name: 0, dtype: object

The link is : https://www.derby.ac.uk//staff/gerhardus-kemp/

Research areas of Professor is : Gerhard Kemp is a professor of law and
specialises in international and transnational criminal justice, compar
ative criminal law, international humanitarian law and transitional jus
tice. He is an Alexander von Humboldt Research Fellow and a former Seni
or Research Fellow of the Robert Bosch Stiftung in Berlin, Germany.

 Col_Id
        3
Name of the University                           University of
Derby
Link                        https://www.derby.ac.uk//staff/steve-br
avery/
Profesor Name                                           Steve B
```

ravery
Summary & Research areas   Steve Bravery is a Senior Lecturer in the U
niv...
Name: 2, dtype: object

The link is : https://www.derby.ac.uk//staff/steve-bravery/

Research areas of Professor is : Steve Bravery is a Senior Lecturer i
n the University of Derby's Law School, primarily teaching modules on t
he LLM LPC course. His specialisms relate to the criminal justice syste
m including criminal litigation and the parole process.

 Col_Id
      36
Name of the University   London South bank Univ
ersity
Link   https://www.lsbu.ac.uk/about-us/peop
le-...
Profesor Name   Katherine Sty
lianou
Summary & Research areas   Katherine Stylianou specialises in the foll
owi...
Name: 35, dtype: object

The link is : https://www.lsbu.ac.uk/about-us/people/people-finder/kath
erine-stylianou

Research areas of Professor is : Katherine Stylianou specialises in the
following subjects: Alternative Dispute Resolution, Mediation Skills a
nd the Law and Analysis of Evidence (mainly Criminal).

 Col_Id
      4
Name of the University   University of
Derby
Link   https://www.derby.ac.uk//staff/lisa-cherk
assky/
Profesor Name   Lisa Cher
kassky

```
Summary & Research areas    As a Senior Lecturer in Law, Lisa Cherkassk
y t...
Name: 3, dtype: object

The link is : https://www.derby.ac.uk//staff/lisa-cherkassky/

Research areas of Professor is : As a Senior Lecturer in Law, Lisa Cher
kassky teaches criminal law and medical law to law undergraduates, and
has published widely in both fields, on topics such as causation, HIV t
ransmission, genocide, saviour siblings, liver transplants, abortion la
w, and the welfare of the child.

 Col_Id
     41
Name of the University                              Durham Univ
ersity
Link                           https://www.dur.ac.uk//law/staff/display/?i
d=1...
Profesor Name                                      Professor Thom
Brooks
Summary & Research areas    Asylum and Refugee Law Behavioural Economic
s B...
Name: 40, dtype: object

The link is : https://www.dur.ac.uk//law/staff/display/?id=11140

Research areas of Professor is : Asylum and Refugee Law Behavioural Eco
nomics Brexit British Politics Capabilities Citizenship Constitutional
Law Criminal Justice Criminal Law Global Justice & Human Rights Immigra
tion Law & Policy Jurisprudence Migration Law Political Philosophy Publ
ic Policy Restorative Justice Sentencing Stakeholder Theory Strategic C
ommunication

 Col_Id
     42
Name of the University                              Durham Univ
ersity
Link                           https://www.dur.ac.uk//law/staff/display/?i
d=1...
```

```
Profesor Name                                    Dr Graeme
Brown
Summary & Research areas      Comparative sentencing law and practice Cri
min...
Name: 41, dtype: object

The link is : https://www.dur.ac.uk//law/staff/display/?id=17433

Research areas of Professor is : Comparative sentencing law and practic
e Criminal justice Criminal law and procedure Judicial decision making
Philosophy of punishment Sentencing theory, law and practice


 Col_Id
      32
Name of the University                    London South bank Univ
ersity
Link                          https://www.lsbu.ac.uk/about-us/people/peop
le-...
Profesor Name                                    Dr Michael
Rodney
Summary & Research areas    Cameron Giles is a Lecturer in the Law Divi
sio...
Name: 31, dtype: object

The link is : https://www.lsbu.ac.uk/about-us/people/people-finder/mich
ael-rodney

Research areas of Professor is : Cameron Giles is a Lecturer in the Law
Division. His academic interests focus on Criminal Law, Legal Theory, a
nd LGBTQ issues in Law.Cameron completed the MLaw (Exempting) Degree at
Northumbria University and was called to the Bar by the Inner Temple in
2016. He then went on to gain an LLM in Legal and Political Theory from
the University of York, before returning to Northumbria to undertake a
PhD on HIV transmission offences, which he is currently finalising.Came
ron teaches on multiple modules within the Law division, including Crim
inal Law and Introduction to Contract and Tort, and previously taught a
s an Associate Lecturer at Northumbria. Cameron is keen on integrating
experiential learning and contemporary legal research into his teachin
g.Cameron has written multiple academic and non-academic pieces based o
```

n his research, addressing the role of digital evidence in HIV transmission cases, online LBGTQ identities and the punishment of offenders. In addition to several conference papers, Cameron has presented invited seminars at Northumbria and UCL and recently appeared on The Diversity in Research Podcast.Cameron is currently an Assistant Editor for the International Journal of Gender, Sexuality and Law.

In [68]:
```python
print(page_1.url)
print(page_2.url)
print(page3.url)
```

https://www.derby.ac.uk/departments/derby-law-school/staff/
https://www.lsbu.ac.uk/study/study-at-lsbu/our-schools/law-and-social-sciences/subjects/law/staff
https://www.dur.ac.uk/law/staff/

In [ ]: