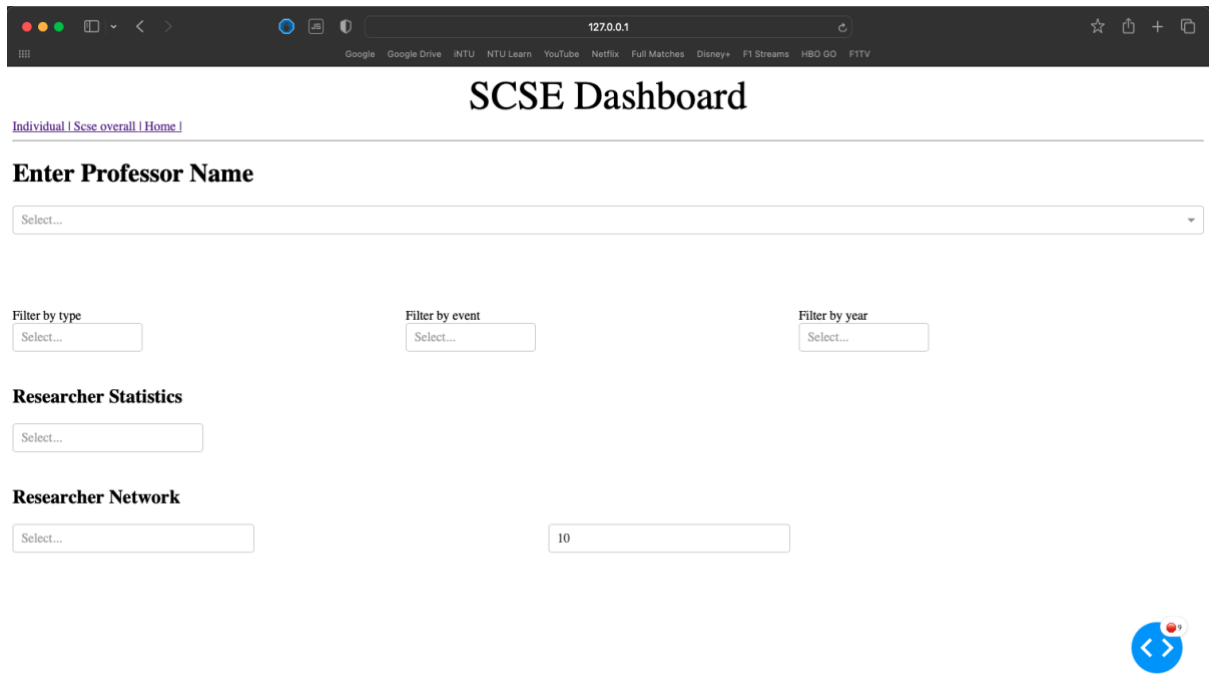


Here is the Home Page, this is just placeholder. The main visualizations is on Individual and Scse overall tab.

Individual Tab



Here is the basic of Individual Tab, to start you can click one of professor name in the dropdown. Let say we select 'Anwitaman Datta' from the dropdown, it will show below

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Enter Professor Name

Anwitaman Datta

Anwitaman Datta

Email : anwitaman@ntu.edu.sg
Website : https://personal.ntu.edu.sg/anwitaman/
Research Interest : distributed systems, socio-technological systems

Filter by type Filter by event Filter by year

#name	#event	#year	#authors	#types
A Modular Framework for Centrality and Clustering in Complex Networks.	IEEE Access	2022	Frédérique E. Oggier, Silivanxay Phetsouvanh, Anwitaman Datta	Journal
Quorums over codes.	J. Parallel Distributed Comput.	2022	Anwitaman Datta, Frédérique E. Oggier	Journal
Utility-Driven k-Anonymization of Public Transport User Data.	IEEE Access	2021	Bhawani Shanker Bhati, Jordan Ivanchev, Iva Bojic, Anwitaman Datta, David Eckhoff	Journal
QLOC: Quorums With Local Reconstruction Codes.	IEEE Access	2021	Anwitaman Datta, Adamas Aqsa Fahreza, Frédérique E. Oggier	Journal
Analysis of multi-input multi-output transactions in the Bitcoin network.	Concurr. Comput. Pract. Exp.	2021	Silivanxay Phetsouvanh, Anwitaman Datta, Frédérique E. Oggier	Journal
On Grid Quorums for Erasure Coded Data.	Entropy	2021	Frédérique E. Oggier, Anwitaman Datta	Journal
On unlinkability and denial of service attacks resilience of whistleblower platforms.	Future Gener. Comput. Syst.	2021	Silivanxay Phetsouvanh, Anwitaman Datta, Alwen Tiu	Journal
Renyi entropy driven hierarchical graph clustering.	PeerJ Comput. Sci.	2021	Frédérique E. Oggier, Anwitaman Datta	Journal
Centrality informed embedding of networks for temporal feature extraction.	Soc. Netw. Anal. Min.	2021	Frédérique E. Oggier, Anwitaman Datta	Journal
An ego network analysis of sextortionists.	Soc. Netw. Anal. Min.	2020	Frédérique E. Oggier, Anwitaman Datta, Silivanxay Phetsouvanh	Journal

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It will show the name, email, website and research interest and also table of all research by Prof Anwitaman Datta.

Moreover, there is sort function on table which can be click using the arrow beside the first table. Also there are filter function, can be by type, event and year. Below the filtering:

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[Individual](#) | [Scse overall](#) | [Home](#)

Enter Professor Name

Anwitaman Datta

Anwitaman Datta

Email : anwitaman@ntu.edu.sg
Website : https://personal.ntu.edu.sg/anwitaman/
Research Interest : distributed systems, socio-technological systems

Filter by type Filter by event Filter by year

#name	#event	#year	#authors	#types
Centrality informed embedding of networks for temporal feature extraction.	IEEE Access	2022	Frédérique E. Oggier, Silivanxay Phetsouvanh, Anwitaman Datta	Journal
Centrality informed embedding of networks for temporal feature extraction.	J. Parallel Distributed Comput.	2022	Anwitaman Datta, Frédérique E. Oggier	Journal
Centrality informed embedding of networks for temporal feature extraction.	IEEE Access	2021	Bhawani Shanker Bhati, Jordan Ivanchev, Iva Bojic, Anwitaman Datta, David Eckhoff	Journal
Centrality informed embedding of networks for temporal feature extraction.	IEEE Access	2021	Anwitaman Datta, Adamas Aqsa Fahreza, Frédérique E. Oggier	Journal
Centrality informed embedding of networks for temporal feature extraction.	Concurr. Comput. Pract. Exp.	2021	Silivanxay Phetsouvanh, Anwitaman Datta, Frédérique E. Oggier	Journal
Centrality informed embedding of networks for temporal feature extraction.	Entropy	2021	Frédérique E. Oggier, Anwitaman Datta	Journal
Centrality informed embedding of networks for temporal feature extraction.	Future Gener. Comput. Syst.	2021	Silivanxay Phetsouvanh, Anwitaman Datta, Alwen Tiu	Journal
Centrality informed embedding of networks for temporal feature extraction.	PeerJ Comput. Sci.	2021	Frédérique E. Oggier, Anwitaman Datta	Journal
Centrality informed embedding of networks for temporal feature extraction.	Soc. Netw. Anal. Min.	2021	Frédérique E. Oggier, Anwitaman Datta	Journal
Centrality informed embedding of networks for temporal feature extraction.	Soc. Netw. Anal. Min.	2020	Frédérique E. Oggier, Anwitaman Datta, Silivanxay Phetsouvanh	Journal

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Researcher Statistics

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Enter Professor Name

Anwitaman Datta

Anwitaman Datta

Email : anwitaman@ntu.edu.sg
Website : https://personal.ntu.edu.sg/anwitaman/
Research Interest : distributed systems, socio-technological systems

Filter by type
x e

Filter by event
Select...

Filter by year
Select...

#name	#event	#year	#authors	#types
PaCov: COVID-19 Viral News and Rumors Fact-Check Articles Dataset.	ICWSM	2022	Shakshi Sharma, Ekanshi Agrawal, Rajesh Sharma, Anwitaman Datta	Conference
Please, do not Decentralize the Internet with (Permissionless) Blockchains!	ICDCS	2019	Pedro Garcia López, Alberto Montresor, Anwitaman Datta	Conference
EGRET: Extortion Graph Exploration Techniques in the Bitcoin Network.	ICDM Workshops	2018	Silivansay Phetsouvanh, Frédérique E. Oggier, Anwitaman Datta	Conference
RIVA: Bitcoin Network Visualization & Analysis.	ICDM Workshops	2018	Frédérique E. Oggier, Silivansay Phetsouvanh, Anwitaman Datta	Conference
Entropic Centrality for non-atomic Flow Networks.	ISITA	2018	Frédérique E. Oggier, Silivansay Phetsouvanh, Anwitaman Datta	Conference
Entropy-based Graph Clustering - A Simulated Annealing Approach.	ISITA	2018	Frédérique E. Oggier, Silivansay Phetsouvanh, Anwitaman Datta	Conference
Worth its Weight in Likes: Towards Detecting Fake Likes on Instagram.	WebSci	2018	Indira Sen, Anupama Aggarwal, Shiven Mian, Siddharth Singh, Ponnurangan Kumaraguru, Anwitaman Datta	Conference
Lilliput: A Storage Service for Lightweight Peer-to-Peer Online Social Networks.	ICDCN	2017	Thomas Paul, Niklas Lochschmidt, Hani Salah, Anwitaman Datta, Thorsten Strufe	Conference
Data Integrity for Collaborative Applications over Hosted Services.	ICDCS	2017	Ertem Esiner, Anwitaman Datta	Conference
Layered security for storage at the edge: on decentralized multi-factor access control.	ICDCN	2016	Ertem Esiner, Anwitaman Datta	Conference

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Researcher Statistics

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Enter Professor Name

Anwitaman Datta

Anwitaman Datta

Email : anwitaman@ntu.edu.sg
Website : https://personal.ntu.edu.sg/anwitaman/
Research Interest : distributed systems, socio-technological systems

Filter by type
Select...

Filter by event
x IEEE Access |

Filter by year
Select...

#name	#event	#year	#authors	#types
A Modular Framework for Centrality and Clustering in Complex Networks.	IEEE Access	2022	Frédérique E. Oggier, Silivansay Phetsouvanh, Anwitaman Datta	Journal
Utility-Driven k-Anonymization of Public Transport User Data.	IEEE Access	2021	Shawani Shanker Bhati, Jordan Ivanchev, Iva Bojic, Anwitaman Datta, David Eckhoff	Journal
QLOC: Quorums With Local Reconstruction Codes.	IEEE Access	2021	Anwitaman Datta, Adamas Agas Fahreza, Frédérique E. Oggier	Journal

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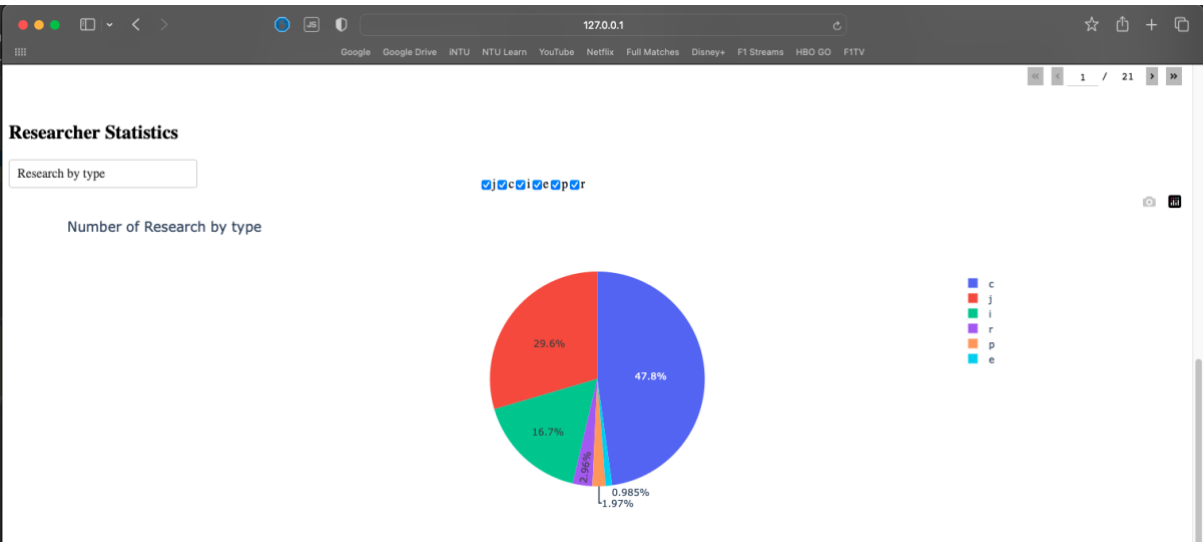
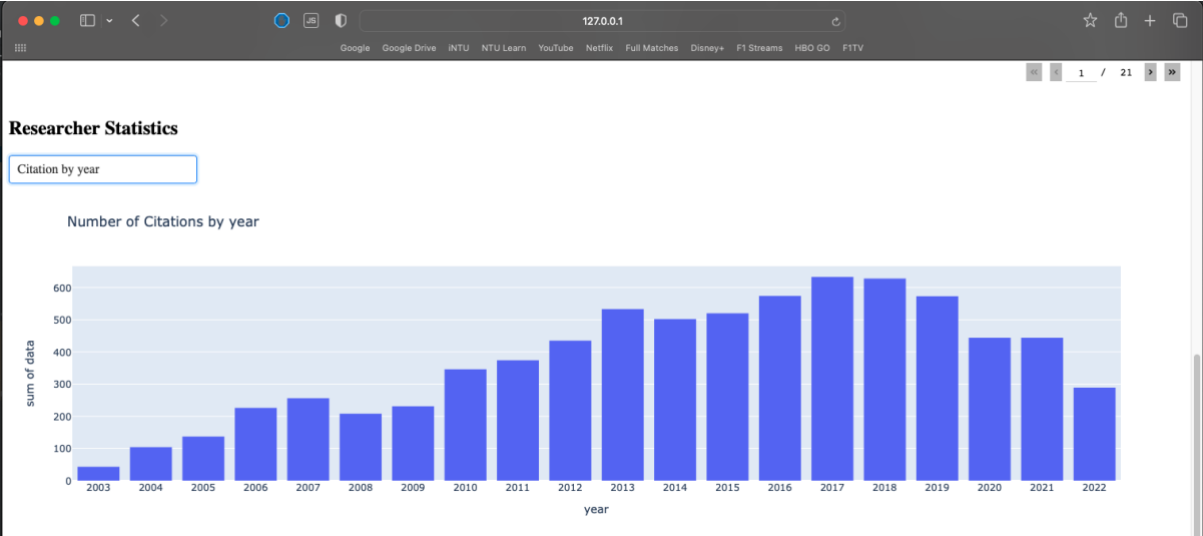
Filter by type
Select...

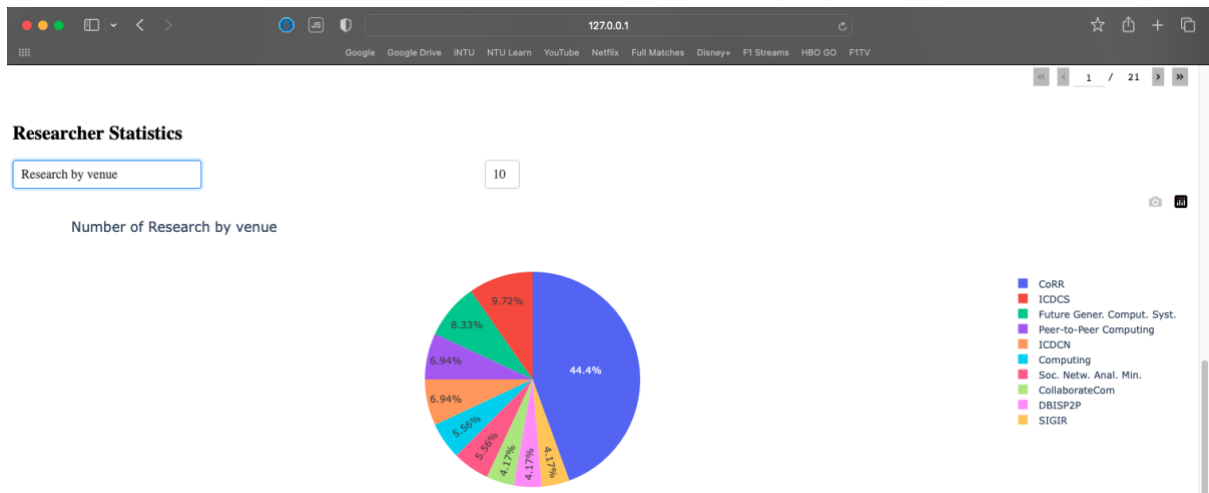
Filter by event
Select...

Filter by year
x 2022 |

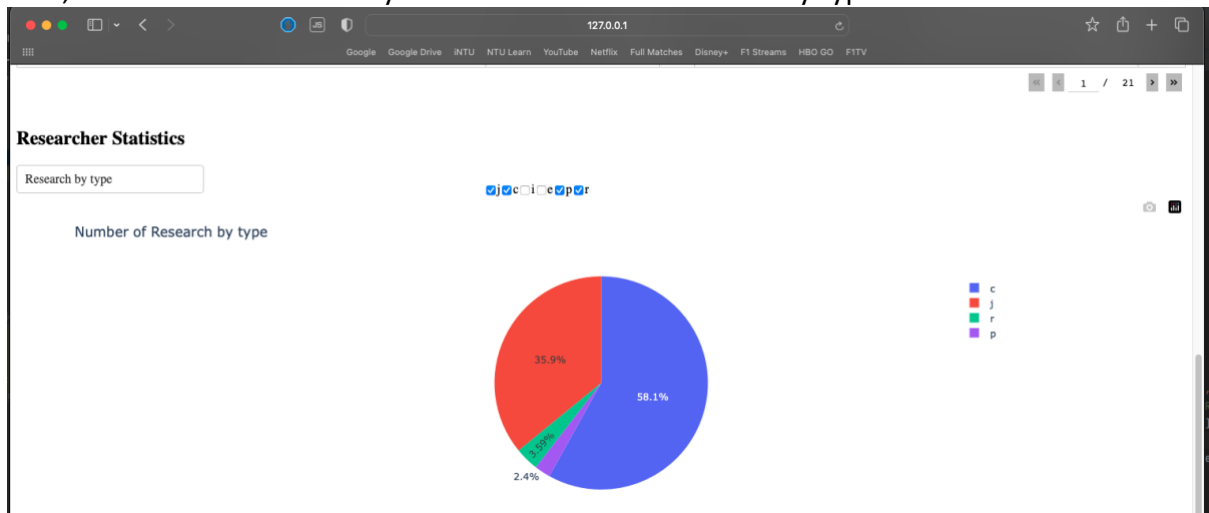
#name	#event	#year	#authors	#types
A Modular Framework for Centrality and Clustering in Complex Networks.	IEEE Access	2022	Frédérique E. Oggier, Silivansay Phetsouvanh, Anwitaman Datta	Journal
Quorums over codes.	J. Parallel Distributed Comput.	2022	Anwitaman Datta, Frédérique E. Oggier	Journal
PaCov: COVID-19 Viral News and Rumors Fact-Check Articles Dataset.	ICWSM	2022	Shakshi Sharma, Ekanshi Agrawal, Rajesh Sharma, Anwitaman Datta	Conference
QPO IDLT: A system for the rapid deployment of secure and efficient EVM-based blockchains.	CoRR	2022	Simone Bottoni, Anwitaman Datta, Federico Franzoni, Emanuele Ragnoli, Roberto Ripamonti, Christian Rondonini, Gokhan Sagirlar, Alberto Trombetta	Informal

Then there are Research Statistics part, where it show several statistics

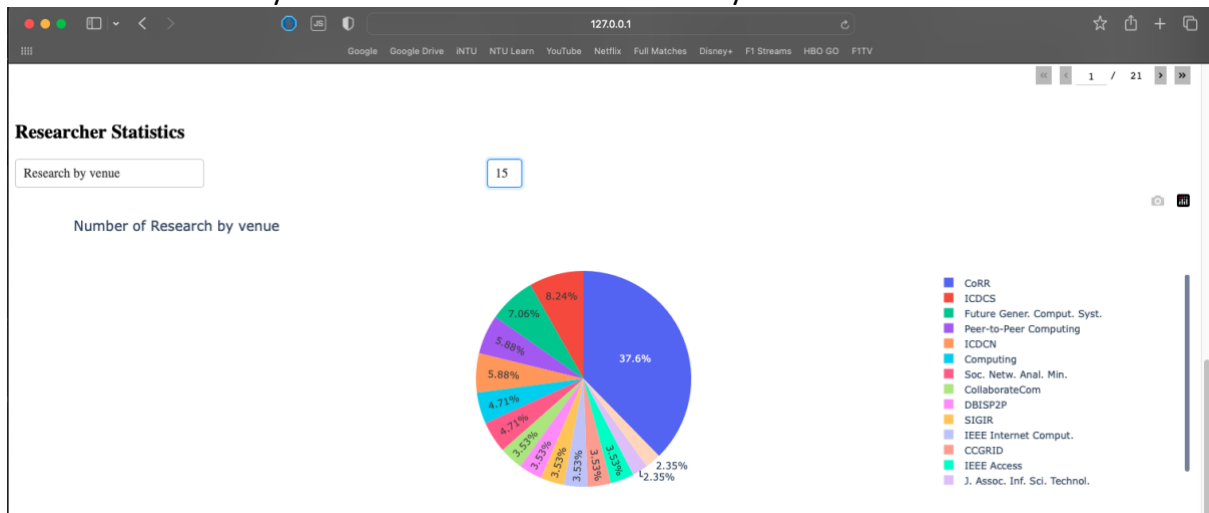




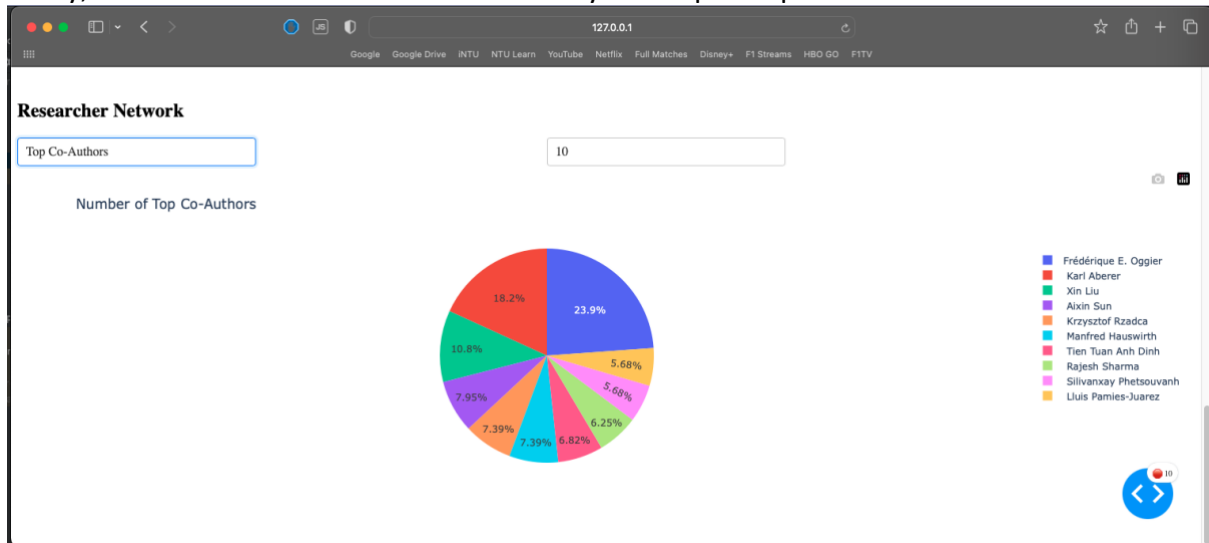
Also, there are extra feature you can checklist for Research by type



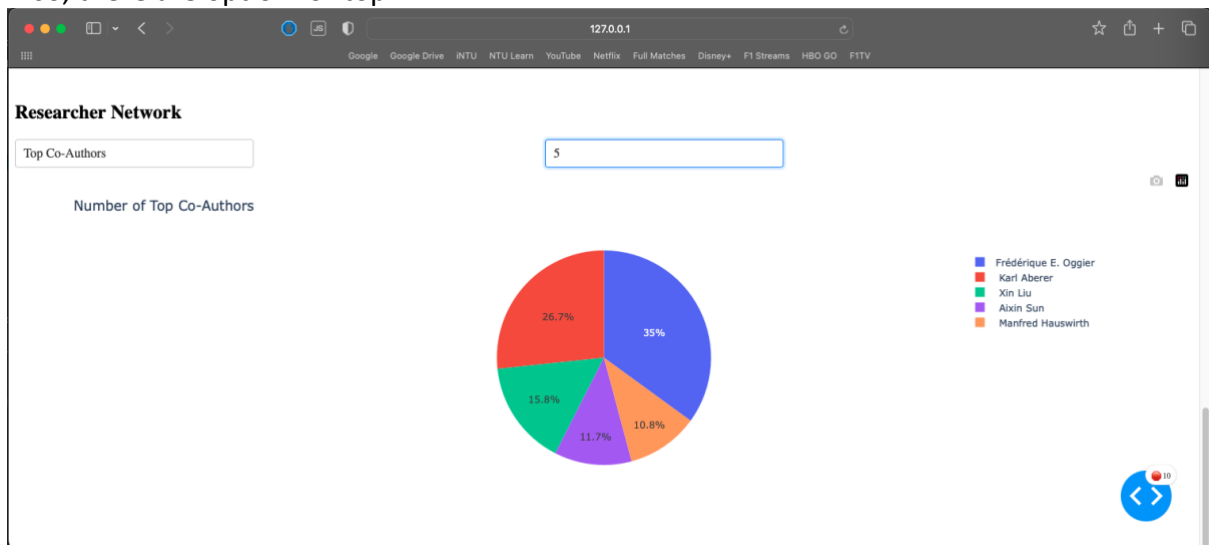
And select how many data want to show for Research by venue



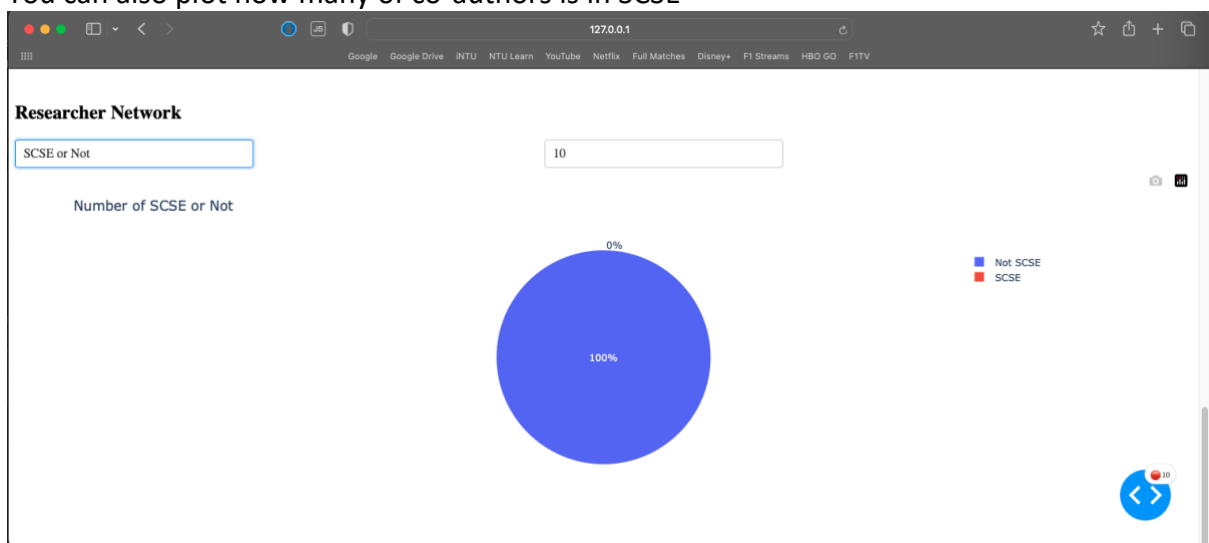
Lastly, there are Researcher Network where you can plot top-co authors



Also, there are option for top-N



You can also plot how many of co-authors is in SCSE



SCSE Tab

First feature is group researcher, can be by research group or expertise

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Group Researcher

By Expertize

Group Name	Total Prof	Prof Lists
Computer Science and Engineering	68	A S Madhukumar, Alexei Sourin, Anupam Chattopadhyay, Anwitaman Datta, Arvind Easwaran, Cham Tat Jen, Chan Syin, Chen Change Loy, Chia Liang Tien, Cong Gao, Deepu Rajan, Douglas Leslie Maskell, Dusit Niyato, Erik Cambria, Goh Wooi Boon, Guan Cuntai, He Ying, Huang Shell Ying, Hui Siu Cheung, Jagath Chandana Rajapakse, Joty Shafiq Rayhan, Ke Yiping, Kelly, Kwoh Chee Keong, Lam Kwok Yan, Lam Siew Kei, Lana Obrastsova, Lee Bu Sung, Li Boyang, Li Fang, Li Mo, Li Yi, Lin Feng, Lin Guosheng, Lin Shang-Wei, Lin Weisi, Liu Weichen, Liu Yang, Liu Ziwei, Loke Yuan Ren, Long Cheng, Luo Siqiang (骆思源), Lou Anh Tuan, Miao Chun Yan, Mohamed M. Sabry, Oh Hong Lye, Ong Yew Soon, Owen Noel Newton Fernando, Pan, Sinno Jialin, Qian Kemao, Quek Hiok Chai, Smitha K G, Sourav Saha Bhovmick, Tan Rui, Tang Xueyan, Tay Kian Boon, Thambipillai Srikanthan, Vun Chan Hua, Nicholas, Wai Kin Adams Kong, Wee Keong NG, Wen Yonggang, Wentong Cai, Yeo Chai Kiat, Zhang Hanwang, Zhang Jie, Zhang Tianwei, Zhao Jun, Zheng Jianmin, Zinovi Rabinovich
Electrical and Electronic Engineering	20	A S Madhukumar, Anupam Chattopadhyay, Deepu Rajan, Deepu Rajan, Douglas Leslie Maskell, Dusit Niyato, Goh Wooi Boon, Lam Siew Kei, Lin Feng, Lin Weisi, Loke Yuan Ren, Mohamed M. Sabry, Qian Kemao, Quek Hiok Chai, Smitha K G, Thambipillai Srikanthan, Vun Chan Hua, Nicholas, Yeo Chai Kiat, Zhang Hanwang, Zhao Jun
Info-Communication Technology	18	A S Madhukumar, Cham Tat Jen, Chan Syin, Chia Liang Tien, Deepu Rajan, Deepu Rajan, Huang Shell Ying, Hui Siu Cheung, Lam Kwok Yan, Lau Chiew Tong, Lee Bu Sung, Miao Chun Yan, Owen Noel Newton Fernando, Tan Rui, Vun Chan Hua, Nicholas, Wee Keong NG, Wen Yonggang, Yeo Chai Kiat
Interactive Digital Media	18	A S Madhukumar, Alexei Sourin, Cham Tat Jen, Chan Syin, Chia Liang Tien, Deepu Rajan, Deepu Rajan, Goh Wooi Boon, Hui Siu Cheung, Lin Feng, Loke Yuan Ren, Miao Chun Yan, Owen Noel Newton Fernando, Qian Kemao, Wee Keong NG, Yeo Chai Kiat, Zhang Hanwang, Zheng Jianmin
Internet & Communications	14	A S Madhukumar, Chan Syin, Chia Liang Tien, Hui Siu Cheung, Lau Chiew Tong, Lee Bu Sung, Li Fang, Li Mo, Miao Chun Yan, Tan Rui, Vun Chan Hua, Nicholas, Wee Keong NG, Wen Yonggang, Yeo Chai Kiat
Computer Networks and Communications	9	A S Madhukumar, Dusit Niyato, Lau Chiew Tong, Lee Bu Sung, Li Mo, Luo Jun, Tan Rui, Yeo Chai Kiat, Zhao Jun
Mathematics	9	Hui Siu Cheung, Jagath Chandana Rajapakse, Kwoh Chee Keong, Loke Yuan Ren, Luke Ong (翁之昊), Tay Kian Boon, Zhang Hanwang, Zhao Jun, Zheng Jianmin
Smart Cities	9	Alexei Sourin, Bo An, Bo An, Chng Eng Siong, Cong Gao, Lam Kwok Yan, Lu Shijian, Ong Yew Soon, Wai Kin Adams Kong
Artificial and Augmented Intelligence	9	Bo An, Chng Eng Siong, Cong Gao, Jagath Chandana Rajapakse, Lin Weisi, Luke Ong (翁之昊), Miao Chun Yan, Shen Zhiqi, Yu Han
Computing Hardware and Architecture	8	Anupam Chattopadhyay, Arvind Easwaran, Douglas Leslie Maskell, Lam Siew Kei, Liu Weichen, Mohamed M. Sabry, Thambipillai Srikanthan, Vun Chan Hua, Nichol

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SCSE Dashboard

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Group Researcher

By Research Group

Group Name	Total Prof	Prof Lists
Computer Vision and Language	15	Cham Tat Jen, Chan Syin, Chen Change Loy, Chia Liang Tien, Chng Eng Siong, Deepu Rajan, Joty Shafiq Rayhan, Li Fang, Lin Guosheng, Lin Weisi, Liu Ziwei, Loke Yuan Ren, Lu Shijian, Vanessa Evers, Zhang Hanwang
Computational Intelligence	13	Bo An, Erik Cambria, Guan Cuntai, Ke Yiping, Kelly, Lana Obrastsova, Miao Chun Yan, Ong Yew Soon, Pan, Sinno Jialin, Quek Hiok Chai, Shen Zhiqi, Yu Han, Zhang Jie, Zinovi Rabinovich
Hardware and Embedded Systems	10	Anupam Chattopadhyay, Arvind Easwaran, Douglas Leslie Maskell, Lam Siew Kei, Liu Weichen, Mohamed M. Sabry, Oh Hong Lye, Smitha K G, Thambipillai Srikanthan, Vun Chan Hua, Nicholas
Computer Networks and Communications	9	A S Madhukumar, Dusit Niyato, Lau Chiew Tong, Lee Bu Sung, Li Mo, Luo Jun, Tan Rui, Yeo Chai Kiat, Zhao Jun
Cyber Security and Forensics	8	Lam Kwok Yan, Li Yi, Lin Shang-Wei, Liu Yang, Tay Kian Boon, Wai Kin Adams Kong, Wee Keong NG, Zhang Tianwei
Graphics and Interactive Computing	7	Alexei Sourin, Goh Wooi Boon, He Ying, Owen Noel Newton Fernando, Qian Kemao, Seah Hock Soon, Zheng Jianmin
None	7	Chee Wei Tan, Fan Xiuyi, Li Boyang, Luke Ong (翁之昊), Luo Siqiang (骆思源), Lou Anh Tuan, Vidya Sudarshan
Data Management and Analytics	6	Cong Gao, Hui Siu Cheung, Long Cheng, Sourav Saha Bhovmick, Sun Aixin, Wen Yonggang
Parallel and Distributed Computing	4	Anwitaman Datta, Huang Shell Ying, Tang Xueyan, Wentong Cai
Biomedical Informatics	3	Jagath Chandana Rajapakse, Kwoh Chee Keong, Lin Feng

Next is compare researcher where you can select two of researcher

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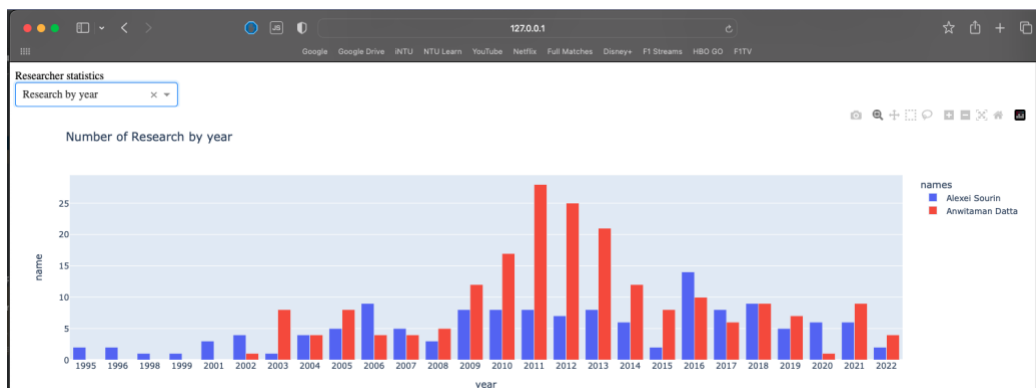
Compare Researcher

Alexei Sourin

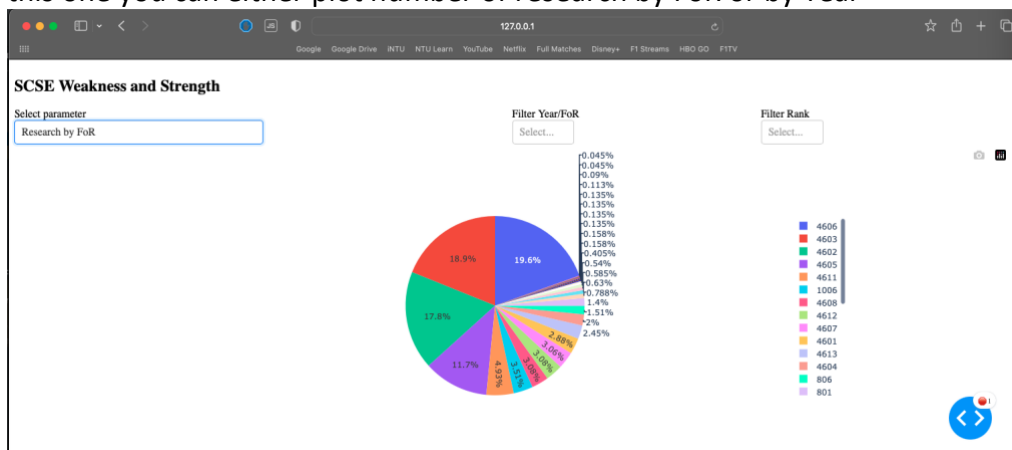
Anwitaman Datta

Aspect	Alexei Sourin	Anwitaman Datta
Email	assourin@ntu.edu.sg	anwitaman@ntu.edu.sg
Website URL	http://www3.ntu.edu.sg/home/assourin/	https://personal.ntu.edu.sg/anwitaman/
Interest	Solid modeling, Haptics, Virtual reality	distributed systems, socio-technological systems
Citations (All)	2754	7712
Total Research	137	203
Most Works Co-Authors	Lei Wei, Shahzad Rasool, Olga Sourina,	Xin Liu, Karl Aberer, Frédérique E. Oggier,
Year Start	1996	2003

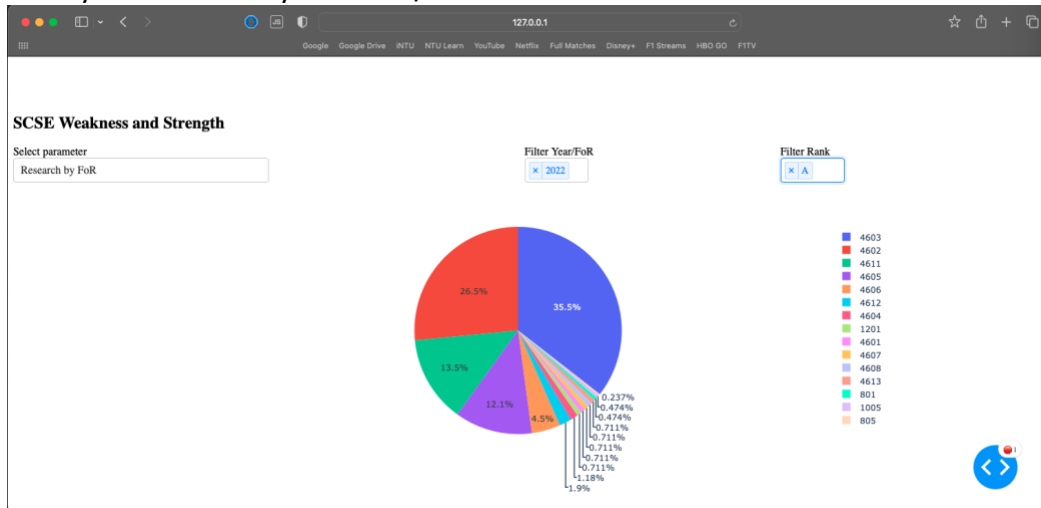
Next you can also plot statistics between two researcher



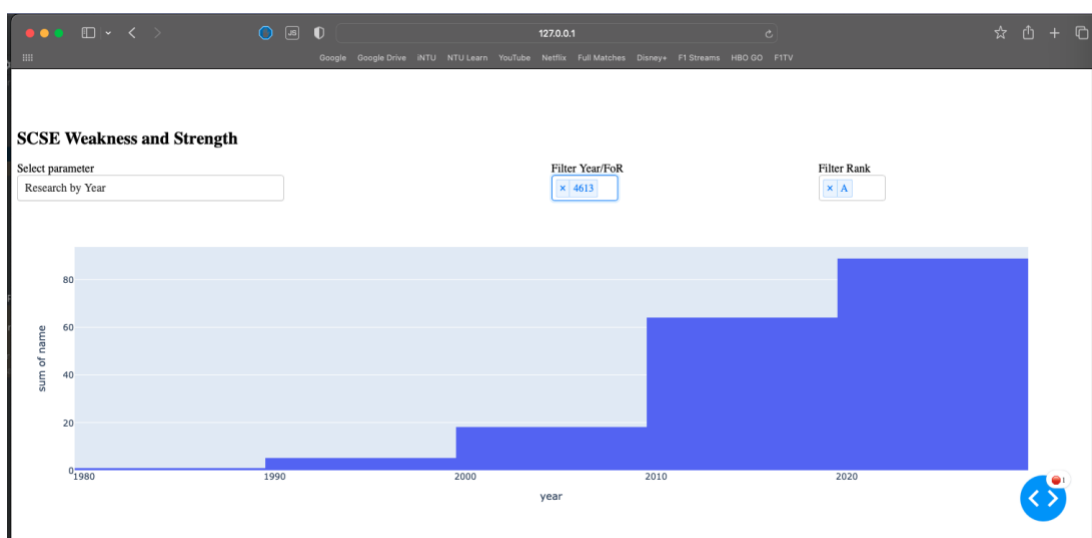
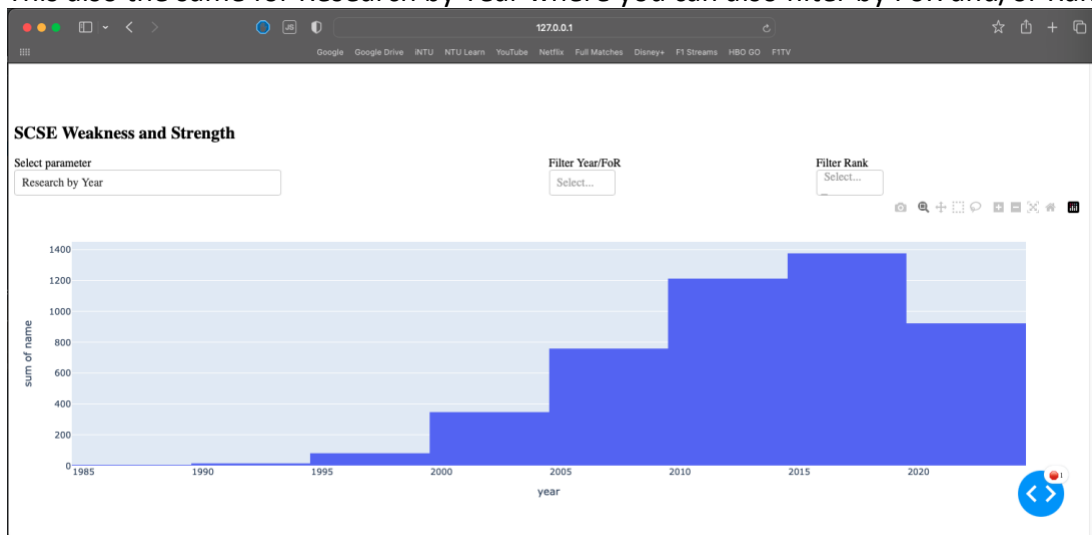
Last is for SCSE Weakness and Strength where we find out which FoR is not represented, in this one you can either plot number of research by FoR or by Year



Then you can Filter by Year and/or Rank



This also the same for Research by Year where you can also filter by FoR and/or Rank



That's all the feature and furthermore, we can utilize plotly to zoom in or move the plot, and so many more