Data Analyst

Neural Information Processing Systems

Content

This dataset contains the year of publication, title, author details, abstracts, and full text of all NeurIPS papers from 1987 to 2019.
Since, NeurIPS Conference and Workshop happen in the month of December each year, the dataset will be updated annually.

Goals

01
Find the most famous authors

02
Find how many paper write in every year

03
Filtering paper topic

Data process

Clean data

Fill nan value

Text pre-processing

Non useful
text removal

Extraction

process of
collecting or
retrieving
disparate
types of data
from a variety
of sources

Visualization data

Graphical
representation of
information and
data

DATA

|	source_id	year	title	abstract	full_text
356	338	1990	Discovering Discrete Distributed Representatio...	no abstract	Discovering Discrete Distributed Representatio...
6843	3374	2017	Learning Hierarchical Information Flow with Re...	We propose ThalNet, a deep learning model insp...	Learning Hierarchical Information Flowwith Rec...
4424	1182	2011	Learning with the weighted trace-norm under ar...	We provide rigorous guarantees on learning wit...	Learning with the Weighted Trace-norm underArb...
9171	2738	2019	One ticket to win them all: generalizing lotte...	The success of lottery ticket initializations ...	One ticket to win them all: generalizing lotte...
7189	299	2017	On the Model Shrinkage Effect of Gamma Process...	The edge partition model (EPM) is a fundamenta...	On the Model Shrinkage Effect ofGamma Process E...
3162	672	2007	Distributed Inference for Latent Dirichlet All...	no abstract	Distributed Inference for Latent Dirichlet All...
6640	2965	2017	Training Quantized Nets: A Deeper Understanding	Currently, deep neural networks are deployed o...	Training Quantized Nets: A Deeper Understandin...
1586	1492	1998	Viewing Classifier Systems as Model Free Learn...	no abstract	Viewing Classifier Systems as Model Free Learn...
3079	3022	2006	Learning Structural Equation Models for fMRI	no abstract	Learning Structural Equation Models for fMRIAm...
8183	2384	2018	Bandit Learning with Positive Externalities	In many platforms, user arrivals exhibit a sel...	Bandit Learning with Positive ExternalitiesMan...

DATA

	source_id	first_name	last_name	institution
0	27	Alan	Murray	NaN
1	27	Anthony	Smith	NaN
2	27	Zoe	Butler	NaN
3	63	Yaser	Abu-Mostafa	NaN
4	60	Michael	Fleisher	NaN
...	...	...	...	...
30232	8693	Joshua	Wang	Google
30233	2302	Ruho	Kondo	Toyota Central R&D Labs., Inc.
30234	2302	Keisuke	Kawano	Toyota Central R&D Labs., Inc
30235	2302	Satoshi	Koide	Toyota Central R&D Labs.
30236	2302	Takuro	Kutsuna	Toyota Central R&D Labs. Inc.

30237 rows × 4 columns
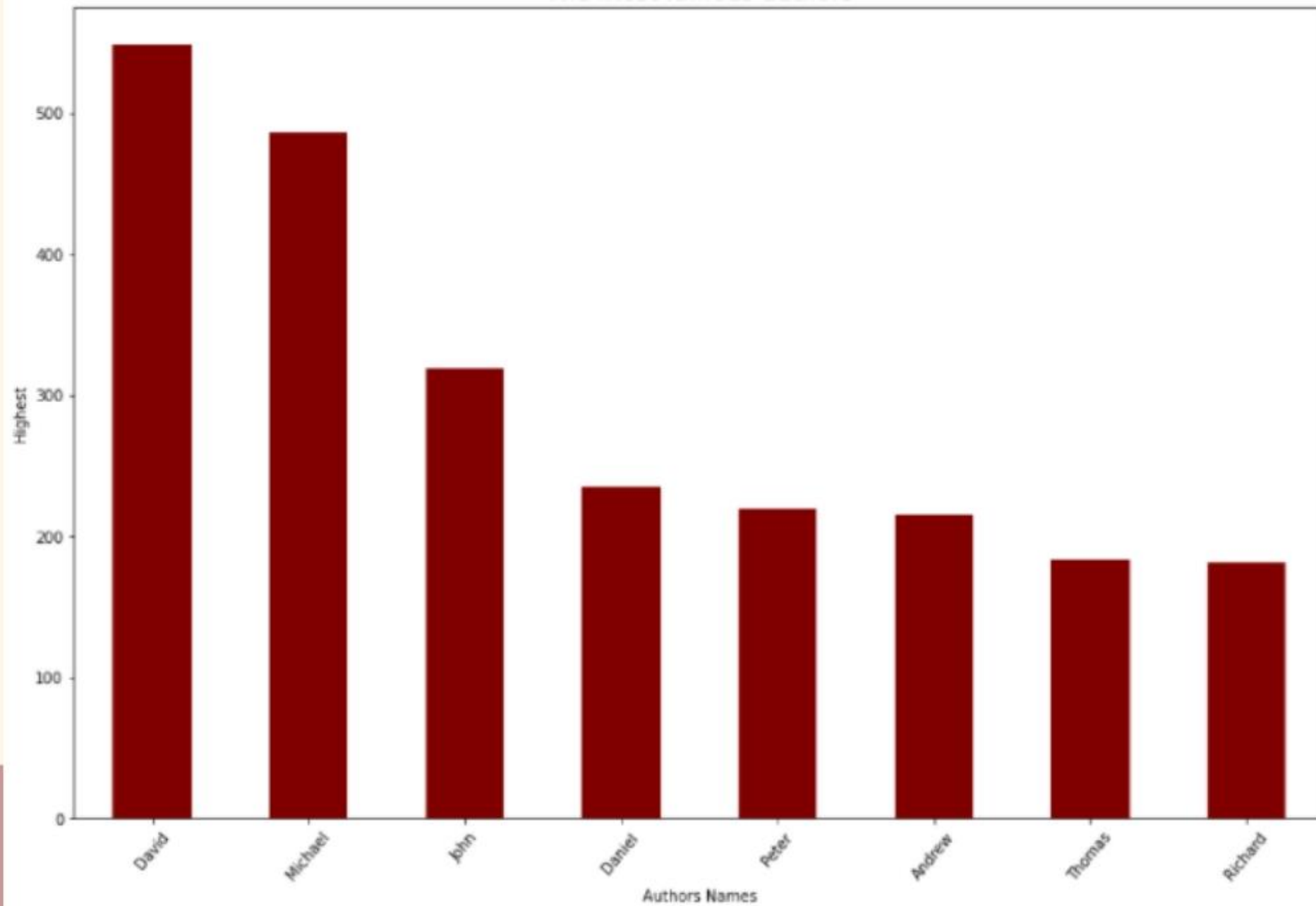
Visualization papers title

Numbers Papers every Years
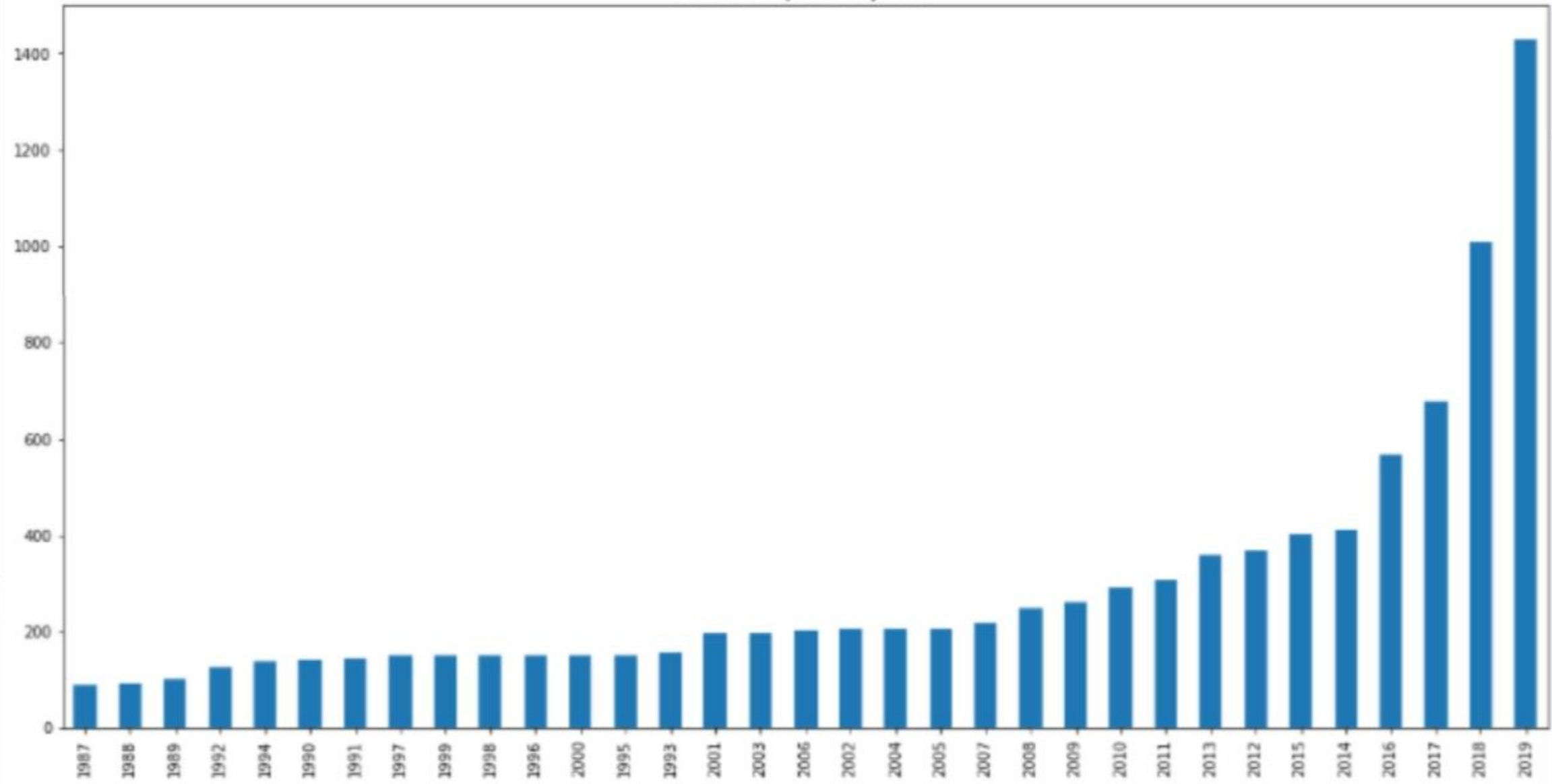
The most famous authors

Thanks for listen

BY : ARWA ESSA