

Articles posted on Justin Trudeau



Tools used for this assignment

- Guardian Media Group API
- Excel
- Jupyter Notebook

Programming Language

- Python

Extract information about Justin Trudeau

After extracting the information from Guardian Media Group API in Excel looks like this:

Type	Section	Date	URL
article	World news	2020-12-03T11:00:02Z	https://www.theguardian.com/world/2020/dec/03/vancouver-plan-decriminalize-street-drugs
article	World news	2020-03-13T03:42:11Z	https://www.theguardian.com/world/2020/mar/12/justin-trudeau-coronavirus-sophie-trudeau
article	Society	2021-04-27T15:59:28Z	https://www.theguardian.com/society/2021/apr/27/harry-and-meghan-to-join-joe-biden-at-white-house
article	World news	2020-01-09T23:12:57Z	https://www.theguardian.com/world/2020/jan/09/iran-plane-crash-canada-victims-trudeau
article	World news	2021-04-19T16:16:04Z	https://www.theguardian.com/world/2021/apr/19/ontario-covid-vaccines-outbreak-doug-ford
article	Opinion	2019-09-21T17:19:00Z	https://www.theguardian.com/commentisfree/2019/sep/21/justin-trudeau-not-such-racist
article	World news	2019-08-22T05:00:54Z	https://www.theguardian.com/world/2019/aug/22/justin-trudeau-the-rise-and-fall-of-a-politician
article	World news	2021-04-06T18:37:42Z	https://www.theguardian.com/world/2021/apr/06/ukraine-pressures-nato-for-membership
article	World news	2021-05-30T10:30:51Z	https://www.theguardian.com/world/2021/may/30/cruel-and-unusual-punishment-hotel-guests
article	Opinion	2020-01-09T07:00:02Z	https://www.theguardian.com/commentisfree/2020/jan/09/justin-trudeau-beard-facial-hair
article	World news	2019-08-14T18:21:19Z	https://www.theguardian.com/world/2019/aug/14/trudeau-broke-ethics-law-in-snc-lavalin
article	Environment	2021-01-06T17:34:05Z	https://www.theguardian.com/environment/2021/jan/06/the-barriers-to-a-carbon-fee-and

Articles Count

Count how many articles about Justin Trudeau have been posted since 01.01.2018 until today. To count number of articles about Justin Trudeau using python programming language. After writing code the result looks like this:

Date	No. of articles
2018-01-23	1
2018-02-07	1
2018-02-22	1
2018-03-02	1
2018-03-15	1
...	...
2021-04-19	2
2021-04-27	1
2021-05-06	1
2021-05-30	1
2021-06-05	1

Average

Calculate the average of all days for the above-mentioned period from “No. of articles”

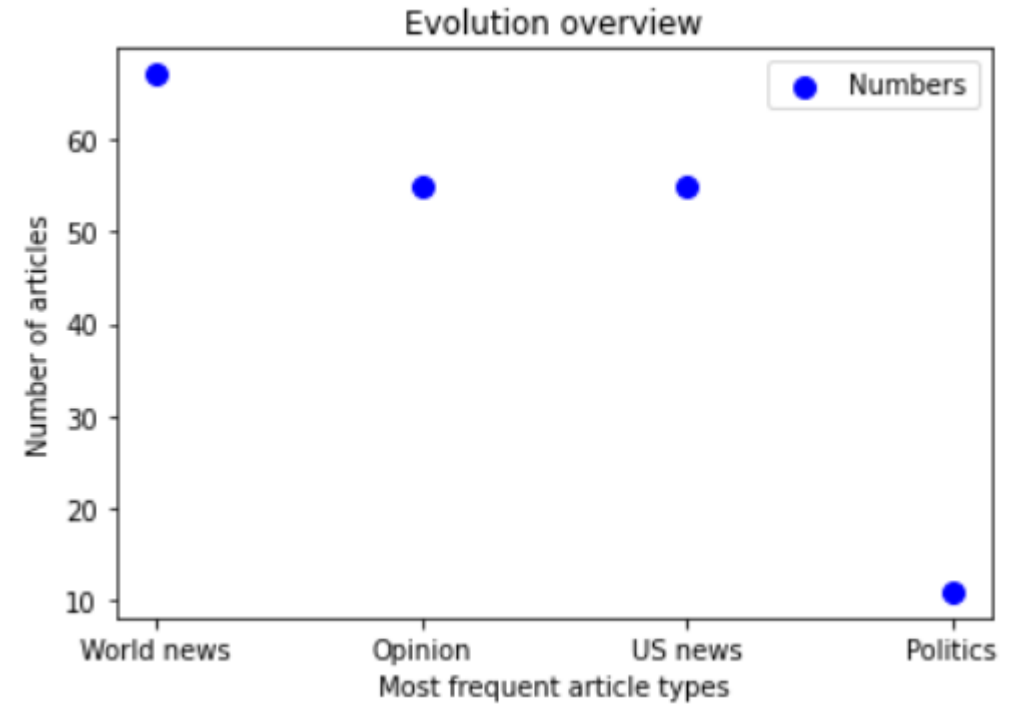
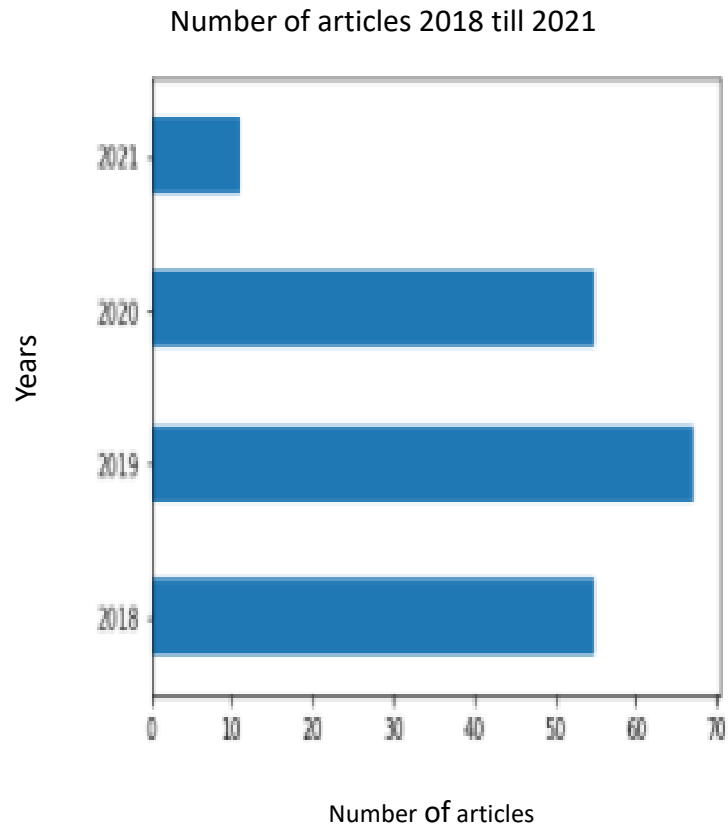
Section in which most articles are written

```
In [19]: df_section= df["Section"].value_counts()
```

```
In [20]: df_section
```

```
Out[20]: World news      101
Opinion                19
US news               18
Politics              14
Business              6
Environment           5
UK news              4
Fashion              4
Technology           4
News                 3
Society              2
Global               2
Television & radio    1
Culture              1
Life and style       1
Science              1
Sport                1
Football             1
Name: Section, dtype: int64
```

Evolution of the "No. of articles" during 2018 till current period.



Unusual Events

Article Type: Fashion

- The suspicious case of well-coiffed hair
- Women repulsed by lice and fleas less likely to find beards attractive - study
- The new rules of socks: novelty ones are out – but yes you can wear them with sandals
- Back to school: how the new term is shaking up fashion

Why are these unusual?

- As he is politician and Prime Minister of Canada therefore such articles does not reflect his personality.
- Also he was mentioned only as a reference not as main participant.

Thank You

