

Trend keyword search with the help of python

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Step 1 - create a python file named “trend.py” and type code

```
import pandas as pd

from pytrends.request import TrendReq

pytrend=TrendReq(hl='en-US',tz=360)

trendy_keywords='Data Science'

kw_list=[trendy_keywords]

kw=trendy_keywords

pytrend.build_payload(kw_list)

#payload function builds the search payload and accept a list as an
argument

#We can build the payload for interest overtime and by the region

pytrend.interest_over_time()

pytrend.interest_by_region()

#related queries will be returned as disctionary value

related_queries_dict=pytrend.related_queries()

related_queries_rising = related_queries_dict.get(kw).get('rising')

# for top related queries

related_queries_top = related_queries_dict.get(kw).get('top')
```

```

print("***** RISING RELATED KEYWORDS *****")

print(related_queries_rising)

print("***** TOP RELATED KEYWORDS *****")

print(related_queries_top)

```

Step 2 - Run that python file on command prompt and will get the output

```

Microsoft Windows [Version 10.0.19043.1165]
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D:\0 - Everything\1 - My work space\2 - Coding\Professional\3 - Amitava Sir\Python\Python special start up project\trend>python trend
.py
***** RISING RELATED KEYWORDS *****

```

	query	value
0	ibm data science professional certificate	27700
1	upgrad	22650
2	iit madras data science	22100
3	data science curso	20750
4	upgrad data science	18150
5	pg diploma in data science	18100
6	data science certification course	17550
7	microsoft data science certification	16250
8	python data science handbook pdf	13950
9	data science devops	12200
10	devops	11650
11	simplilearn	11500
12	ms in data science in canada	11150
13	data science эро	10750
14	best data science courses in india	9850
15	springboard	8550
16	cloudera data science workbench	8400
17	data science course in delhi	8000
18	python for data science and machine learning b...	7750
19	ibm data science experience	7650
20	data science курсы	5850
21	data science course singapore	5400
22	aegis school of data science	4450
23	data science academy power bi	4400
24	bits pilani m tech data science	3750

```

***** TOP RELATED KEYWORDS *****

```

```
Command Prompt
21      data science course singapore 5400
22      aegis school of data science 4450
23      data science academy power bi 4400
24      bits pilani m tech data science 3750
***** TOP RELATED KEYWORDS *****
      query value
0      python 100
1      python data science 99
2      data science course 92
3      what is data 91
4      what is data science 87
5      data science jobs 79
6      computer science 79
7      data analytics 76
8      data science online 67
9      data science masters 61
10     data science master 61
11     machine learning 56
12     data science machine learning 54
13     data scientist 53
14     data science courses 50
15     data science salary 45
16     big data 40
17     python for data science 40
18     data science job 37
19     jobs in data science 35
20     google data science 35
21     data science degree 34
22     masters in data science 33
23     data analysis 32
24     ms data science 30

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```

That's it
It's done.