PRAKASH RECOMMENDATIONS

SAI PRAKASH REDDY MARASANI

CIN:304378287

Course: CIS 585

Instructor: Prof. Phillip Thomas

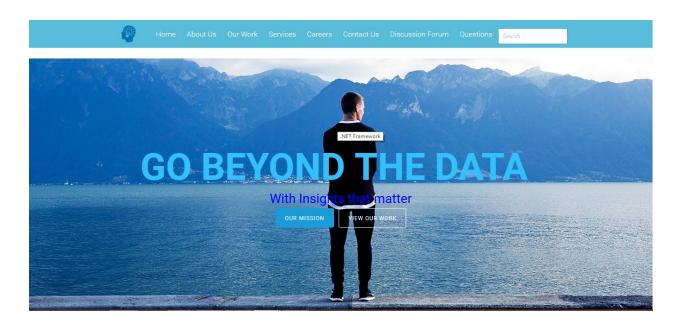
Date: September 2 2015

Abstract

For a person to be successful in the future, they must make good decisions. It applies for travelers also in order to spend their money, time wisely and properly they need to take proper decisions. And to make good decisions requires all relevant data to be taking into consideration. And we provide the best source for that data is a well-designed interface. The concept of data Prakash Recommendations is pretty simple: We will take inputs from the user and we will produce a set of recommendations to user and we will also show different variables like flight cost, population density and compare them with nice graphs showing difference between several destinations and questions related to travel and health will also be answered to improve and provide better service to user.. So Prakash Recommendations is not a luxury it can be considered as a service or necessity. Our website was build on using JS. JSON, CSS, JADE, WordPress and using Watson services.

Features of Prakash Insights

The Home page of the website looks like below



You've got a vast amount of data at your fingertips. But do you know what it's telling you? you may want to tweet something and you cannot imagune what controversy its gonna create. See how to turn data into novel, credible, and actionable insights with helpful tools and solutions from Prakash Insights.





We help you to relax so you can go within and begin your work. This helps you to re-

wp-login.php?redirect_to=http://prakashinsights.saiprakki.info/



Our-Work

See the work we do around the world and be inspired to join us to make this world a better place



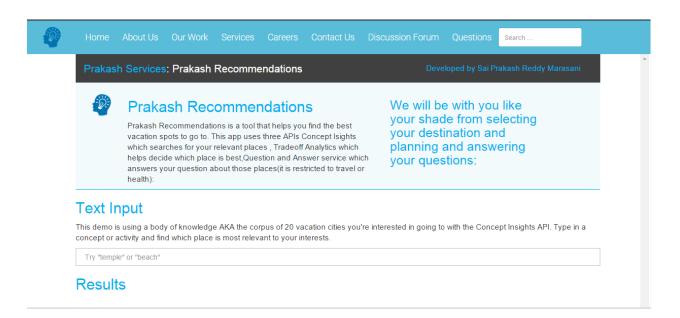
Contact Us

Contact us to see what we can do for you and how many ways we can solve your problems so that there will not be any con-

Services	Our-Work	Contact Us
We help you to relax so you can go within and begin your work. This helps you to reflect so you can enjoy your life VIEW SERVICES	See the work we do around the world and be inspired to join us to make this world a better place	Contact us to see what we can do for you and how many ways we can solve your problems so that there will not be any controversy. CONTACT US
Our Work We believe actions speak louder than		ERVICES SEE US IN ACTION
Home About Us Credits Contact Us		Developed by Sai Prakash

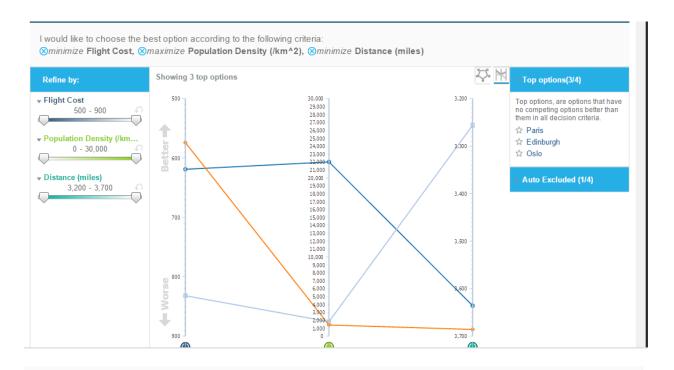
Apart from using Prakash Insights services and Prakash Recommendations, the website provides discussion forum so that any new or returning user can post their queries which are continuously being monitored by our technical team and at same time if you post something someone will try to answer or explain your question.

There is a services tab in the navigation bar of the Prakash Insights website which opens up an nice interface offered at Prakash Recommendations where you should enter your destination and then compare them using trade off analytics and then you can use question and answer service to answer your questions related to travel or health.



Results

What you're seeing here are the most relevant cities out of the 20 vacation cities in the corpus. Concept Insights automagically tags each of these cities with their Wikipedia Knowledge Graph it has developed. Once they're tagged, you can search against them with your search query. The result is a list of cities that are most relevant to your search query. Each city has a list of related and relevant activities determined by Concept Insights' knowledge graph tagging. Paris Edinburgh Oslo Mar del Plata 67.80000000000001% 97.2% 78.3% 73.4% Hindu temple Hindu festival Standing committees Festivals European architecture Festivals Festivals Architecture Shrine Mosques Wood Architectural style Ganesh Sikh Gurdwara Summer season King Festivals Buddhist monastery Architecture Quartzite Compare with Tradeoff Analytics



Ask questions?

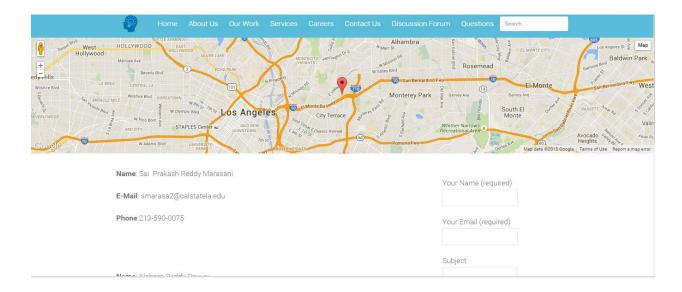
hindu temple in paris

Try an example question

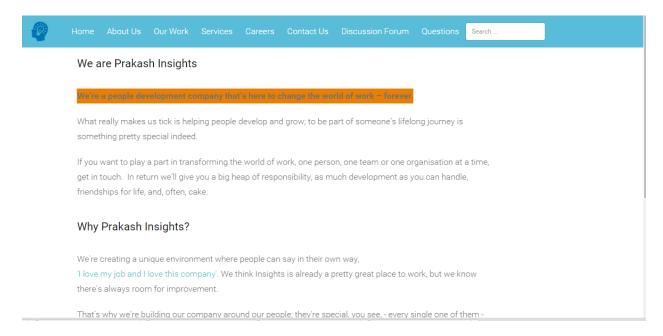
- 1) Chattarpur Mandir, Dr Ambedkar Colony (M Yellow: Chhattarpur). Huge & beautiful temple complex with a big surrounding campus located near Mehrauli area of South Delhi. Kali Mandir (Chittaranjan Park, bus 427). It is a forty year old temple complex and Bengali community cultural center. The compou...
- 2) It's down a little side road ask around, pretty much anyone in the area can point you in the right direction. It was closed in September 2011 and sealed, photography and videography are not permitted. Shankaracharya Mandir. Is a Hindu temple dedicated to Lord Shiva on a hilltop. It can be reached ...
- 3) 20 Kms from Kochi City, a very famous Devi Temple, believed to have 3 forms of the Goddess in 3 phases of day. Famous during Navarathiri time Mannarasala Nagaraja Temple located in Haripad near Alleppy. The most famous Snake temple in Kerala. This is believed to be capital of Snake God- the Vasu...

In message we will be providing an default one where an user can try or check our service.

There is a "Contact Us" page where information regarding emails addresses and phone numbers of all the staff working at Prakash Insights is available. Hence Users/Clients can contact Prakash Insights team members by visiting "Contact Us" section. You can also post your questions here where we will go through each and every question posted by users.



We also have an Careers page where users or any people who are interested working with us can post their resume.



In About us page you can find information about developers. In ourwork page you can see comments from our users.

We have used OpenSSL to generate certificate and key to change the URL of Prakash Insights from Bluemix domain prakashinsights.mybluemi.net to custom domain http://prakashrecommendations.ashu.saiprakki.info/

Download and install the Cloud-foundry from the following link:

https://github.com/cloudfoundry/cli

Deploying application to Bluemix:

```
C:\Users\home\Documents\cf login
API a .NET Framework
Email\tail\com
Password\tail.com

Password\tail.com
Authenticating...
OK

Targeted org saism.prakash_org

Select a space (or press enter to skip):
1. dev
2. prakash

Space\tail dev
Targeted space dev

API endpoint: https://api.ng.bluemix.net (API version: 2.27.0)
User: saism.prakash@gmail.com
Org: saism.prakash_org
Space: dev
```

We have used Command Line Interface(cloud foundry) extensively from creating app to generation of ssl keys and running it on local host. First I have changed manifest.yml

```
2
    declared-services:
3
   question-and-answer-service:
4
        label: question and answer
      plan: question and answer free plan
   tradeoff-analytics-service-standard:
6
        label: tradeoff analytics
   plan: standard concept-insights-service:
8
9
10
        label: concept insights
11
        plan: free
12
   applications:
13
   - services:
14
       - concept-insights-service
15
       - tradeoff-analytics-service-standard
16
       - question-and-answer-service
     name: prakashrecommendations
17
18
       command: node app.js
19
       path: .
20
      memory: 512M
21
```

I created services from cloud foundry

```
_ _ _
 C:4.
                                            Command Prompt
   icrosoft Windows [Version 6.3.9600]
c> 2013 Microsoft Corporation. All rights reserved.
 C:\Users\home>cd documents
 C:\Users\home\Documents>cd prakash
 C:\Users\home\Documents\prakash>cd prakashrecommendations
 C:\Users\home\Documents\prakash\prakashrecommendations>
                                           Command Prompt
C:\Users\home\Documents\prakash\prakashrecommendations>cf login
API endpoint: https://api.ng.bluemix.net
mail> saism.prakash@gmail.com
Password>
Authenticating...
[argeted org saism.prakash_org
elect a space (or press enter to skip):
.. dev
  prakash
Space> dev
[argeted space dev
                    https://api.ng.bluemix.net (API version: 2.27.0) saism.prakash@gmail.com saism.prakash_org
PI endpoint:
```

```
C:\Users\home\Documents\prakash\prakashrecommendations>cf push
Using manifest file C:\Users\home\Documents\prakash\prakashrecommendations\manifest.yml

Creating app prakashrecommendations in org saism.prakash_org / space dev as saism.prakash@gmail.com...

OK

Creating route prakashrecommendations.mybluemix.net...

OK

Binding prakashrecommendations.mybluemix.net to prakashrecommendations...

OK

Uploading prakashrecommendations...

Uploading app files from: C:\Users\home\Documents\prakash\prakashrecommendations

Uploading 286.6K, 37 files

Done uploading

OK

Binding service concept—insights—service to app prakashrecommendations in org sa ism.prakash_org / space dev as saism.prakash@gmail.com...
```

```
Command Prompt
C:4.
App started
App prakashrecommendations was started using this command 'node app.js'
Showing health and status for app prakashrecommendations in org saism.prakash_or
g / space dev as saism.prakash@gmail.com...
requested state: started
instances: 1/1
usage: 512M x 1 instances
urls: prakashrecommendations.mybluemix.net
last uploaded: Wed Sep 2 16:01:07 UTC 2015
stack: lucid64
puildpack: SDK for Node.js(TM) (ibm-node.js-0.12.7)
      state
                   since
                                                     c pu
                                                              memory
                                                                                    disk
                                                                                                       det
      running
                   2015-09-02 09:03:03 AM
                                                     0.0%
                                                              57.9M of 512M
                                                                                    77.9M of 1G
 :\Users\home\Documents\prakash\prakashrecommendations>
```

How to change URL from *.mybluemix.net to *prakashinsights.saiprakki.info using SSL

- 1. Download OpenSSL.
- 2. Open the path where OpenSSL has been installed. In my PC, openSSL is installed in the below cd OpenSSL\bin
- Now enter the command→set OPENSSL_CONF=c:\OpenSSL\bin\openssl.cfg
 openssl genrsa -des -out server.key 1024
- 4. Now enter phase key for server.key.
- 5. Now enter the command →openssl req -new -key server.key -out server.csr
- 6. Now enter some details regarding country, state, instituition name
- 7. Now run the command→openssl genrsa 2048 openssl genrsa -out my-prvkey.pem 1024

8. Finally, the server.key and server.csr will be downloaded in C:\OpenSSL\bin.

```
ARNING: can't open config file: C:\OpenSSL-Win64\bin\openssl.cfg
| nable to load config info from C:\OpenSSL-Win64\bin\openssl.cfg
| nable to load config info from C:\OpenSSL-Win64\bin\openssl.cfg
| c:\Openssl\bin\openssl req -new -key server.key -out server.csr
| inter pass phrase for server.key:
| inter pass phrase for server.key -out server.csr
| inter pass phrase for s
```

```
C:\openssl\bin>openssl genrsa -out my-prvkey.pem 1024
Loading 'screen' into random state - done
Generating RSA private key, 1024 bit long modulus
.....++++++
e is 65537 (0x10001)
```

```
C:\openssl\bin>openssl genrsa 2048
Loading 'screen' into random state - done
Generating RSA private key, 2048 bit long modulus
```

```
Email Address []:saism.prakash@gmail.com

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:p@sswOrd
An optional company name []:saiprakash

C:\openssl\bin\cp server.key server.key.org
'cp' is not recognized as an internal or external command,
operable program or batch file.

C:\openssl\bin\openssl rsa -in server.key.org -out server.key
Error opening Private Key server.key.org
1808:error:02001002:system library:fopen:No such file or directory:.\crypto\bio\bss_file.c:391:fopen('server.key.org','rb')
1808:error:20074002:BIO routines:FILE_CTRL:system lib:.\crypto\bio\bss_file.c:39
```

MIIEpAIBAAKCAQEA1DtdG5B/cEJo1914QQyPEDWDEjBqYj5Yx5dbESIDGsum7aiF
5LuxyRwtwlTjm8DfbQCQtprYcs0WmQfrL4oghKtIx+fWEKPI9x5Wm1+rpMKhcJCY
WAAmo00B/+oY/iesA8AkO+6ub04jIzmPqzzEyFa3n0uzktmCxRwwgNdcahcn6UUC
E4IZsKfQrv0zP/RrwiLeITc0dJqEkYliMFU1CUYw/pe2IJP7ksnsZKvtg2wvM0bB
nEbIJ+nezfxmZ2LCk+2gvayrZJB9WNGz4e1hA2t9N7U1ZrovJzc0bAQy1MJdLj0J
zKaOjJmRPEWt91AeT12CU3rKvKnC56FCM4rvKQIDAQABAoIBAEI27zqtX4UHwuwu
dd1dsLju6sDgqCBUsWA8MbZrt5pEBaW6YWPWx4YmW4R49bZfe5XHi17ees9+eyFt
qazURFT48Tsq5DDX2s6U//ACwRt74h+JFA0aUcz0eEOdr000rC9EC2fgsB/8I/Qb
qUfWA7ym56kxoZhUa1M81/9EtTemkLnrwCTEW8n0f16+a2pKRzNCvEcOy0GJ43d1
dshdMpwFupNU3xr5INtCrlsvGWknqK5+5gt1IQM1kJcwuM71dvBpA8Nk+QLoeozA
MINXiwECgYEA+8mLB3paBUnUFomjSrUP6eTUk54d59b/Rvc5X+tKJTfUF+wZ2xgk
mGeHfNe6rm8oRSkI3/BjmJsEXoXvenBy1ByZsAAbksAhnv2Xb03sXe6RJDLfF+qx
8Ba0w+bAp1zZpDMj5nJq9nUrN8687SgBLQLIp13uh4ieNLPsPq9CzYkCgYEA18h1
j40iLBURPTfxxXNsNqth7QCWhkUGjhEb2Buo2KvSs1UB9WafzqJNZoZ16qaxAqLU
51jh8HURKtpz1c3tC5ps0QjZjSA/esrYit1aIy4whEATdWqZ6H7nzUES9UrgmuSe
NUGD6GqiIG00atJC5kEHDbmPgz7YCq/sREOrTKECgYEAjJdDDE/jSCSrS1JCXXDU
SHPAUgbqBmJb1FJjNQ36fsGoOQ1aep4GgRr961XDJXdn8wYwsGpYEnQsgmMjDykO
sWku37mPq+egX1iXXvmTC/gUDzRgocgoxzixSu3kEQ+lbywnFZw54Zg64BS0JZY6
4dk2FL9KW1+Lh24X4gCWupECgYAra1SU1YURNUBIItZwRdLmBPxJwS6IAXQ6rUKO
3rHQNn1ERvxH5cgNiTZNh1xBFBzUTPHNBTjAaq1zk9RhtbcU+JIBv7gU3wEmsZ10
Ay1ZnreARGw12bbxwmbISdGosAo04zbZv3bs01egcphzTa7MKRUEO6uWWpSZQeA1
s//JQQKBgQDBxk+121+X+2RIvUkh2C6kZaQznf7FxvMfanxkLYkNCU2aQ5FuavKD

SWRUS/MFQ*EgAIIAAOMIC/gubZngucgux21xSU3REQ*ID9WHFLW34Zgu4BSU4LIO
4dk2FL9KW1+Lhz4X4gCWupECgYAra1SU1YURnUB1ItZwRdLmBPxJw86IAXQ6rUKO
3rHQNnIERvxH5cgNiTZNhIxBFBzUTPHNBTjAaq1zk9RhtbcU+JIBv7gU3wEmsZ10
Ay1ZnreARGw12bbxwmbISdGosAo04zbZv3bs01egcphzTa7MKRUE06uWWpSZQeA1
s//JQQKBgQDBxk+121+X+2RIvUkh2C6kZaQznf7FxvMfanxkLYkNCU2aQ5FuavKD
vADAjDjf6CLTdDuj1Ft+QYLmn2mdrsTmnG0SaR1H4aCfvT/QEGY86GcgHdG1mT1P
hn5qiMQhviDyDNh9ksRHud2jbC6vuTjJ6Y2+ziuAiLJBGrTq9vJ1vg==
----END RSA PRIUATE KEY-----

C:\openssl\bin>

■ rmdtest	//9/2015 /:21 PM	Application	IO KR
■ rsa_test	7/9/2015 7:21 PM	Application	13 KB
🙀 server	8/17/2015 11:34 PM	Security Certificate	1 KB
server.csr	8/17/2015 11:32 PM	CSR File	1 KB
server.key	8/17/2015 11:31 PM	KEY File	1 KB
sha1test	7/9/2015 7:21 PM	Application	10 KB
■ sha256t	7/9/2015 7:21 PM	Application	11 KB

----BEGIN CERTIFICATE REQUEST----

MIIB/DCCAWUCAQAwgYYxCzAJBgNVBAYTA1VTMQswCQYDVQQIDAJDQTELMAkGA1UE
BwwCTEExEjAQBgNVBAOMCVNBSVBSQUtLSTELMAkGA1UECwwCSVQxFDASBgNVBAMM
C1NBSSBQUkFLQVNIMSYwJAYJKoZIhvcNAQkBFhdzYWlzbS5wcmFrYXNoQGdtYWls
LmNvbTCBnzANBgkqhkiG9w0BAQEFAAOBjQAwgYkCgYEApRsV+eJBdoSJYi2a31GM
9MPsttWk2m2tAryYHch9iFh14WktYHjcPEEe2fD+tkRwBp4MviuZKIOW10D8sZVp
pr1mXLsGV9TZKoTBXVx3ITkAv8f1QUWFFOXlhe9ZGcnVsQHjycBOK36yTuAO6I/2
ZN98wAOHZeWwoHFHnwQOrfcCAwEAAaA1MBcGCSqGSIb3DQEJBzEKDAhwQHNzdzBy
ZDAaBgkqhkiG9w0BCQIxDQwLc2FpcHJha2FzaHUwDQYJKoZIhvcNAQELBQADgYEA
CC21KvIhYhg7HTTRyR9WKS2si4WfEhSc0XQowRNAdxpUFgayVrBY7rKlshUNAJ1C
VKh0sh09nxLrTAW0s4QC+AgFoiDjW9QhtLqZHelrUxVgdzo3pB/YS7fKYAMQymGQ
XB23DseqBH0MlFqj/v5SjQwvMethrycs1IfwzetCsQQ=

----END CERTIFICATE REQUEST----

----BEGIN RSA PRIVATE KEY----

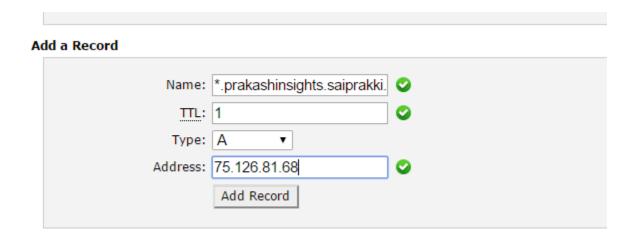
Proc-Type: 4, ENCRYPTED

DEK-Info: DES-EDE3-CBC,7FAA9086CBFC79DD

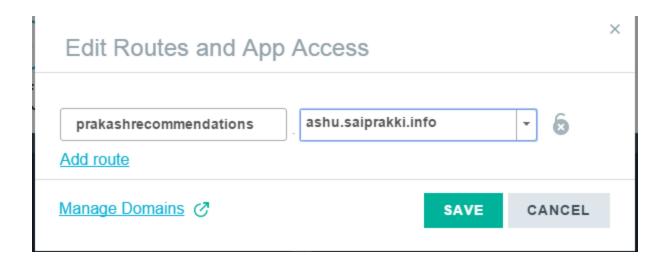
dyW+BlzuUUdowNSoJ9fr2w5v3Nb28Rsg2La56w8WdYJEU2ihZR3rsUN9U8gpqQ97
1jNveLviXR+gVBLqlDSCweOXoTFh08ej5P7F4xvxhd3yutzmLmi8M2njsIu/24nQ
nwEabj2sQwtbZECmaJ6a9WXkzDmONhg/m3nQ4I+xp10GHZ311PVIlLujxKvLePw5
8sLrvYr4YmPWNDiljPLYe6+pPyHV28Tz+biVidYXwJdbcmrfCitogdXC6sDsR59E
FzCfRxMS7QYWOkLBCLsUu8PQ7oo0vL/fibqCLw6ufgiFyOSL67mQ51K9BohhzVQd
prWN9HiNdjh775XFkCheVvjRzaVvQBQnpHNUje24aofKMouJRkQAnRAPmsJlg2+W
M5Xj6cTTJeo+5m9NoeP7xvBIMJUwvnFxH/mOJop8SXW20C7os687uRCPgGaxulj1
Emkm6wY3UwxV07E/ezKqDT+OZ3HDmRjYhaKu22eOytTaRgQ4yvJ9Gn+Pc3deSv75
d727mVzQkImwjOxCoCgaaVyX4Ecw+kRt748U7ZrlO1wdGy2Dw7War6mz/ViaWEXM
+w5L8FuUuXLwyGT1TFGJG39BjtDJmgQytjAIfBthEA0k+5qYpqG71cEdvpidmPO4
Idq2Y8w5TN4k5BoLx6DMPXr4H63oRF7Gsyy8NzXPz/9QKM41yFGodMZlJkmPcmRb
j92e4N+VO7vH3bUDYY1SE3Quk1cvHq3yNUcquUndLIA5FLorFrByvUAGwgFGKxUx
+tArN/WtZwvzKF6S7whHIksQwAsLjFq4HnezxgG5dPlvYtH1qdZhdA==

----END RSA PRIVATE KEY----

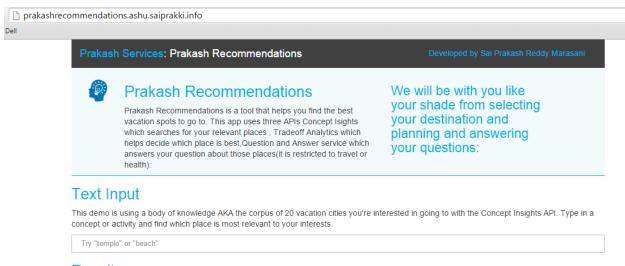
Configuring DNS for your custom domain



In order to change domain we need to create a domain with address



Sample input and output:



Results

What you're seeing here are the most relevant cities out of the 20 vacation cities in the corpus. Concept Insights automagically tags each of these cities with their Wikipedia Knowledge Graph it has developed. Once they're tagged, you can search against them with your search query. The result is a list of cities that are most relevant to your search query. Each city has a list of related and relevant activities determined by Concept Insights' knowledge graph tagging.

Buenos Aires 96.5%

Air temperature
Heat index
Relative humidity
Humidity
Climate

Montreal 96.1%

Air temperature Snow storm January 1, 2006 Wind chill Rains

Mar del Plata 93.10000000000001%

Air masses
Oceanic climate
Climate
Packaging
Electronics engineer

Rio de Janeiro 83%

Relative humidity
Consequences of cli...
Cold fronts
Average annual temp...
Ocean current

Sydney

82.1%

Average annual temp... Rising sea levels Water quality Internal combustion e... Laboratories

Seattle

82%

Growing season Convection Annual precipitation Low pressure systems Wind

Edinburgh

81.2%

Joseph Black Maritime climate Narrow gap Climate Rainfall

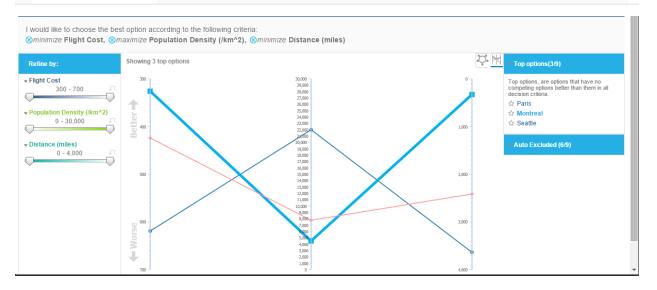
Paris

78.9%

Lowest point
Oceanic climate
Climate
Matter (physics)
Annual precipitation

Barcelona

76.3%



Ask questions?

climate in paris

Try an example question

- 1) Climate Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec. Daily highs (degree C) 6 7 10 13 17 21 23 23 20 15 9 7 Nightly lows (degree C) 1 1 3 5 9 12 14 13 11 7 3 2 Precipitation (mm) 54 44 49 53 65 55 63 43 55 60 52 59. In Western Europe, Paris has a maritime climate with cool winters and warm summ...
- 2) A bateau mouche near the Pont Neuf. There are several excellent boat services which make use of the Seine. As well as providing easy, cheap transport to much of central Paris, excellent photo opportunities abound. You can buy a day or 3 day ticket and hop on and off the boat as needed. The boats ta...
- 3) Paris has the largest number of Kosher restaurants in any European city. Walk up and down Rue des Rosiers to see the variety and choices available from Israeli, Sushi, Italian and others. You will also find a wide assortment of Kosher restaurants in the 9th arrondissement of Paris near the rue Rich...

Conclusion

Prakash Insights is a website developed for users ranging from students, leaders, politicians to analyze their tone of speech or message or tweet so that there will not be any controversy or misconception of speech or post. It also has an special service by name Prakash Recommendations which helps you to make good decisions requires all relevant data to be taking into consideration. And we provide the best source for that data is a well-designed interface. The concept of data Prakash Recommendations is pretty simple: We will take inputs from the user and we will produce a set of recommendations to user An attractive and easy-to-use interface is just a click away. While developing Prakash Recommendations I had lot of experience on coding and using cloud foundry and programming languages like java and python and I hope this meets users requirements.

References

- 1.https://github.com/watson-developer-cloud
- 2. https://dev.twitter.com/rest/public
- 3. https://dev.twitter.com/oauth/overview/application-owner-access-tokens
- 4. https://console.ng.bluemix.net/catalog/