Read my mind

With the project read my mind the way how you decide for your next trip destination is totally changed. Based on your favored keywords, destinations over the whole word are recommended to you. The first layer is to recommend you a city within which we show you some places that fits to your desires – we provide you directly the perfect spots based on your interests.

Based on google reviews from places all over the world, we know which places stands out for what. With a Natural language processing analyses we filter out important keywords and cluster the places into different categories.

The main interaction for the user is to choose some keywords and based on them we propose different cities and spots. The JavaScript frontend, made with Handlebars templates, send the keywords to the backend restFull Api. The Django backend filters out the keywords on the URL and query the postgres database for places that fits to the users choice.

As backend I choose the python language and the Django framework. For creating a restfull Api I included the restFramwork from Django. The first query, the frontend make to the backend is to choose some random attributes out of the attributes table to show them to the user. The user can remove and add as many attributes he wants. Clicking on the explore button, a list of attributes ids is send to the Django restfull API. Based on these attributes, the places table is filtered and choose places which fits to the user’s choice.

In the first step, the user only sees the main cities which could be interesting for him based on his choice. Clicking on the city, all the places within that city are displayed on a google maps card. Whit a link he can directly access the place.

The JS frontend hands all the requests, these to the Django restframwork API and these to the google maps API.

As template language I used the Handlebars template. The template handles most of the html elements.

Used technologies:

* Postgres database
* Django framework
* Django restframwork
* Handlebars
* pure JavaScript
* CSS/ HTML