

Hackathlon 3/4 October 2019

THIS DOCUMENT IS THE ADDITION TO OUR CHATBOT. THIS DOCUMENT WAS WRITTEN BY BENEDICT ORGONYI, CHRISTOPH KAUSEL AND BENEDICT ORGONYI(ALL RIGHTS RESERVED)!

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1 Team Information

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TeamName: OlderDate

2 HIGH LEVEL DESCRIPTION (FOR EVERYONE)

First, we made the basic structure of the Chatbot, then we inserted most of the possibilities that the user could input to the chatbot. We then thought about the system how the bot knows what it should answer to the given question. All of the information about how to reduce the carbon footprint are saved in a list, from which the bot selects the right one and answers to the user.

You can ask our bot something like, how can I reduce my carbon footprint? Furthermore, our bot can give you an explanation the bot can give you an explanation of the carbon footprint

We choosed the "HACK THE TRANSPORT CHALLENGE". Our solution teaches how to reduce the carbon footprint.

3 DEFINED QUESTIONS

3.1 Statistics (Keywords statistics)

3.1.1 How do the statistics look like; Are there good statistics; Can you talk about the statistics.

1. Among the causes of carbon emissions during transport, transport ranks first with 28%. The second place is occupied by 26%. And the third by 17%. Therefore, I want to say, that we have to change our lifestyle.

Cause of Carbon Emmisions

Transportation: 28%

Stuff you buy like Toys, Kitchen Devices : 26%

Home Heating and Cooling: 17%

Food: 14%

Other Home Energy Use: 15%

Union of Concerned Scientists : <https://www.ucsusa.org/>

[4]

3.1.2 How can i reduce my carbon footprint? Keywords how-reduce/decrease/improve-footprint (1)

1. Instead of buying a new petrol car you can buy a electric one. It would be even better if you buy a bicycle to get to near places
2. You could walk or ride your bike instead of taking the car.
3. If you have a long distance to travel you should take the train when it is possible instead of fly by plane

4. Eat regional food to reduce the transportation of cheaply imported meat, fruit and vegetables <https://www.bbc.com/news/science-environment-46459714>
5. Eating less meat does not even help the environment, it also has great benefits for your own health.
6. If you live in a big city with good public transport, you could use this offer.
7. If you are traveling, choose a hotel that is committed to lower its carbon footprint.
8. If there are not enough cycle paths in your city start a petition that more cycle paths will be built
9. Plant a Garden because plants absorb carbon dioxide [2]
https://www.huffpost.com/entry/7-instant-ways-to-reduce-your-carbon-footprint_b_59321992e4b00573ab57a383

3.1.3 How i can reduce my carbon footprint when im traveling? (1 - extension) Keywords travelling, trip, travel, tour

1. If you are traveling, choose a hotel that is committed to lowering its carbon footprint.[4]
2. Use public transport vehicles
3. Do not travel by plane, but rather use climate-friendly means of transport.
4. Often there is no Alternative to fly but for domestic flights you can often take the train
5. Explore a city with a bike instead with a car
6. Use reusable water bottles so you dont have to buy everytime a new one
7. If there is no alternative to flying, you could donate to compensate your carbon footprint[1]
https://www.myclimate.org/?gclid=CjwKCAjw29vsBRAuEiwA9s-0BxxzolcbD5zO5sX0vjBStvxWwOMfr9PvYI2GF6od4H0YfgnuN1eAsBoCvkwQAvD_BwE

https://www.huffpost.com/entry/11-smart-ways-to-reduce-your-travel-footprint_b_593ff5c7e4b094fa859f1bc8?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xILmNvbS8&guce_referrer_sig=AQAAAMzX8AslumVCxoeS4nwx2RkTzH9_i9XFvnwWpM-HILYV8VPm0zvLnHVN3eDuVslEdAMxdNrDrZ0Sk1om2ziCpEJUXP4yg0W7NdDa3yKfE8Kxgzlh6qYswOBQrIDQDfpeYTvZ_PJTMIpLbv51AKkqplL18HxKICQc5eLx56S