



Navigation and city information domain

Our chatbot is going to answer questions related to navigation (specifically in Prague) and other useful information about the Czech capital. A user can get information about a specific transport connection or about free park places in Prague. We assume that all data could be held in the Prague data platform called "Golemio" or we could use also Google Maps API for this purpose.

1. example - public transport connections

1. User: Hello Alfred
2. Chatbot: Hello Martin, what can I do for you?
3. User: Alfred, how can I get from my flat to "Malostránské náměstí" after 2 pm?
4. Chatbot: Give me a second, Sir. I just have to look into the public transport system to give you more information.
5. Chatbot: There are three possible ways, how you can get to "Malostránské náměstí".
 - First, you can take a metro at 14:06 from "Jiřího z Poděbrad" station to "Malostranská". Then, you have to transfer and take a tram to

"Malostránské náměstí". The estimated time of travel is around 25 minutes.

- Another possibility is to take a tram number 22 at 14:12 from "Vinohradská vodárna" to "Malostránské náměstí". You should arrive at the place in 35 minutes
- The last option is to go on foot to Vltava river, take a boat from "Náplavka" at 14:30 to the other side of the river and take a tram from "Újezd". The estimated time of travel is around 1 hour 30 minutes.

6. User: Great. Thank you, Alfred.

7. Chatbot: Is there anything else I can help you with, Sir?

8. User: how much does a 25 minutes ticket cost?

9. Chatbot: 16 czk, Sir.

10. User: Ok, thank you.

11. Chatbot: Is there anything else I can do for you?

12. User: No.

13. Chatbot: Alright. Have a nice day, Sir.

2. example - Taxi

1. User: Hello Alfred.

2. Chatbot: Hello Martin, what can I do for you?

3. User: Alfred, please, tell me, how can I get home?

4. Chatbot: Give me a second, sir. I just have to look into the public transport system to give you more information.

5. Chatbot: I apologize, Sir. Public transportation is not available between 0 am and 4 am.

6. User: How long would it take, if I go on foot?

7. Chatbot: Let me check, Sir.

8. Chatbot: It should take you around 1 hour and half.

9. User: Ok, I can still take a taxi. Alfred, how long will it take me to get home by car?

10. Chatbot: Let me see.
11. Chatbot: Estimated travel time is around 20 minutes.
12. User: Ok, thank you.
13. Chatbot: Is there anything else I can do for you?
14. User: No.
15. Chatbot: Alright. Have a nice evening, Sir.

3. example - Parking places

1. User: Hello Alfred.
2. Chatbot: Hello Martin, what can I do for you?
3. User: I would like to know if there are any free parking places in Charles square?
4. Chatbot: Give me a second, Sir.
5. Chatbot: There are two free parking places.
6. User: Is it free parking or not?
7. Chatbot: Yes. 10 czk per hour.
8. User: Ok, thank you
9. Chatbot: Is there anything else I can do for you?
10. User: No.
11. Chatbot: Alright. Have a nice day, Sir.

4. example - Car sharing

1. User: Hello Alfred.
2. Chatbot: Hello Martin, what can I do for you?
3. User: I would like to know if there are any shared cars within 2 kilometers perimeter?
4. Chatbot: Give me a second, Sir.
5. Chatbot: I have found two cars available at this moment. The first one is "Škoda Octavia", which is 1.5 kilometers southeast of your current location.

The second one is BMW x5, which is 2 kilometers northwest of your current position.

6. User: Ok, how much does "Škoda" per hour cost?
7. Chatbot: 2 hundred 200 czk, Sir.
8. User: Ok, thank you
9. Chatbot: Is there anything else I can do for you?
10. User: No.
11. Chatbot: Alright. Have a nice day, Sir.

5. example - Healthcare

1. User: Hello Alfred.
2. Chatbot: Hello Martin, what can I do for you?
3. User: I would like to know, where are the nearest hospitals to my current location?
4. Chatbot: Give me a second, sir.
5. Chatbot: There are two hospitals within 10 kilometers radius of your current position. The first one is "nemocnice Královské Vinohrady", which is two kilometers far. The second one is General University Hospital at Charles square.
6. User: What are the opening hours of the hospital at Vinohrady?
7. Chatbot: The hospital is open for non-emergency care from 6 am to 5 pm.
8. User: Ok, thank you
9. Chatbot: Is there anything else I can do for you?
10. User: No.
11. Chatbot: Alright. Have a nice evening, Sir.