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| Project 3 |
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| Project 3: Data |

**Groep 2**

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Project 3

Project 3: Data

Inhoud

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## Introduction:

The goal of both Projects 3 and 4 is to create an informative tool about the city and its neighbourhoods, for current/potential citizens of Rotterdam. The application should be multiplatform (at least PC and mobile) and it should contain visualizations/animations on interesting facts related to the city of Rotterdam.

## The questions delivered to the PO:

What is the relative satisfaction with living in each district of Rotterdam?

Which district is relatively most affected by road pollution?

Which district has relatively most nuisance of youth groups?

How many percent of the population in each district is victim of housebreaking?

In which district take the least amount of violent crimes place?

In which district are relatively the least victims of mistreatment?

Which district has relatively the most report of menace?

To which district should I go to have the least risk of bicycle theft?

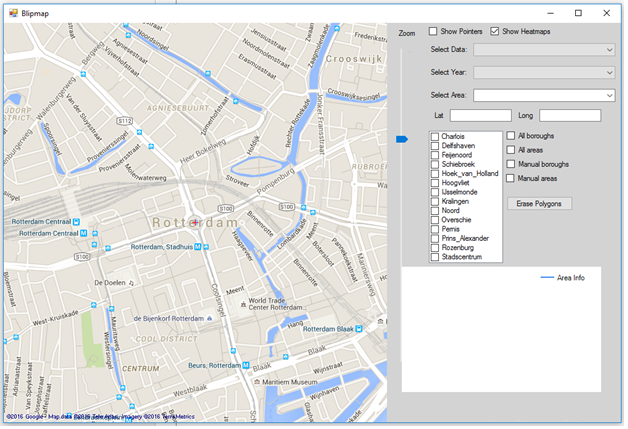
To which district should I go to have the least risk of car theft?

## The main program for users:

Below you can see a screenshot of the main program for users. This program will display the requested information by the user. The server connection settings are implemented in the code so that the user will not have to deal with them.

In the program you can request to see all boroughs or specified ones. That depends on the users input. The same is for the Area’s.

The program has a heat map, which covers most of the program. The program also has a graph display to show the difference of crime subjects in area’s per year.



## The parser for developers:

The parser is not intended for users, but since it is delivered with the main program, the users could use it. The parser is made for developers who would like to upload files to a database, even specified ones.

The parser will convert the chosen files to correct SQL queries. If the developer wants to send the queries by hand he could just copy the queries and send them by hand. He could also use the “Send Query” button to send it with the given values for a database connection.

