Car Tracking and Analysis Script

# Extracting Data

The data that will be extracted will be based on a provided link. Based on the provided link the user would have already selected the type of car and all parameters related to that car – engine, year of production, etc.

## Going over pages

The total number of pages in written in the bottom left corner – this data can be extracted, and this will be the loop for all pages. The forward and backword buttons do not work as expected therefore they are not reliable.

From each page the link will be stored in a list.

Once the list is complete the program will go over each link and collect the relevant information.

## What information will be gathered

* Дата на производство
* Тип Двигател
* Мощност
* Евростандарт
* Скоростна кутия
* Категория
* Пробег
* Цвят
* Дата на последно редактиране на обявата
* Цена

There should be a check for the first change of price, if there is, this will be the first redacted date. Collect information regarding the number of time the price has been changed.

* It is important to add a date of data extraction so that a history analysis can be done in the future.
* Extract extras
* Extract description – try and use ML in the future to extract useful information about the website.
* Region

# Brands to focus on

* Audi
* BWM
* Mercedes
* VW
* Ford
* Volvo
* Toyota
* Skoda

# Storing of data

The data should be stored in an SQLite DB. This data will later on be used to create a website, where the users can filter the information that they want to find about a particular brand of cars.

# Construction of a website (Part 2)

The website should be done on Django and Bootstrap frontend.