The Thirteenth International Conference on Advances in Databases, Knowledge, and Data Applications DBKDA 2021 May 30, 2021 to June 03, 2021 - Valencia, Spain

Tutorial: "Bashing" the Killer from the Command Line

Organizer: Andreas Schmidt, Lisa Ehrlinger, Fritz Laux

## **Exercise I**

- 1. Download the Zipfile from <a href="https://www.smiffy.de/dbkda-2021/clmystery-masterFL.zip">https://www.smiffy.de/dbkda-2021/clmystery-masterFL.zip</a> and extract it on your computer. Change into the generated directory and read the instructions given in the README.md file.
- 2. Change to the directory mystery and look in the file *crimescene* for lines, containing the label CLUE. These are the facts needed to solve the case.
- 3. Before you start, lets walk a little bit around in the directory and inspect the files with less, head, tail, ... to get an idea about the information provided. Don't forget to also take a look into the subdirectories. So for example, at the beginning of the file *people*, you find some information on how you can interview a person.
- 4. With the actual knowledge from the tutorial, start with the last fact (barista) ... If you struggle, take a look into the hint<*x>*-files.
  - a. After you got the first information about the car, try to find the possible owners (hint6, hint7).
  - b. Write the possible murders into a file called potential\_murders\_by\_fact-3.txt

If you end up with 6 suspicious drivers, you finished successfully the first part – Congratulation !!!.

How we can continue to solve the case with the information found in the murders wallet (fact 2 from the *crimescene* file), we will learn next ...