

Scenarios to have in the dataset for decision making

It is important to consider the meaning of each of the columns to understand exactly what data they are providing us in the dataset, it is also necessary to know that it is possible to obtain more data from the set of inferences, additional data, and assumptions. Part of this set of tools that we will apply, with this we will have an improvement in the quality of the conclusions and results.

What additional data will help us to have a better data set?

1. Exact location of the antennas: in this way we can calculate distances between antennas after obtaining this data.
2. Distances between antennas: with this data we could define certain parameters on some delimitations between antennas.
3. Estimate the location of the telephone by communes: this data will allow a final overview of the range of the antennas.
4. Classify exceptions: this data will determine if there was any mobile data overload to the antenna, for which the phone was connected to the next one, this data will not directly affect the data set, but it will allow us to make decisions about discarding these data depending of the number of exceptions, or define other parameters to generate more columns depending on the final scenarios.

What scenarios could we direct the project to?

- Reduce the exact hours in which there is traffic in the metropolitan area, satisfying the demand for routes between the main streets.
- Generate exclusive transport for people who will go to certain company areas.
- Regulate the transfer of automobiles, by generating exclusive lanes for carpooling or shared cars.