

Tripadvisor

One of the sources we need to scrap was the website Tripadvisor. In this report, we're going to explain in a first time which data we scrap and the format of these data. In a second time, we're going to develop our scraping method and we're going to finish with some statistics. To respond to our problematic, we chose to scrape the informations that airline's users post on Tripadvisor after their flights.

This website has a page dedicated to each company where we can find comments connected to the companies flights. We've decided to deal with the 240 biggest companies repertoried in Tripadvisor.

I Format of scraped data :

The table below summary all data we scraped and give their type and a description of what is the column.

Variable_name	Type	Description
Data_Source	string	Website used to scrape
Title	string	Title of the comment
Airline_Name	string	Name of the airline company
Review	string	User's review
Date_Review	date	Date of the posted review
Date_Flown	date	Date of the flow,
Hashtags	list of string	List of hashtags (possibilities from 0 to 3)
Contributions_Pers	int	Number of reviews posted on Tripadvisor
Nb_Pertinent_Comments	int	Number of reviews « liked » by other users
Overall_Customer_Rating	int	Global note of the user /10
Cleanliness	int	Note of the cleanliness /5
Food_And_Beverages	int	Note of the food and beverages /5
Inflight_Entertainment	int	Note of the inflight entertainment /5
Registration	int	Note of the registration /5
Seat_Comfort	int	Note of the quality of the seat comfort /5
Seat_Legroom	int	Note of the place for the user's space for legs /5
Value_For_Money	int	Note of the value for money

[illegible]