SUMMARY OF PRODUCT REVIEWS – introduction (popular science)

Nowadays, a lot of users rely more on product reviews than just their specifications. But have you ever found yourself overwhelmed by the sheer volume of online reviews for countless products? How do you choose the best product without spending an eternity reading through all the opinions? This project has found a clever way to help. By using special computer programs, it gathers and sorts by their quantity all these reviews to get a summary of advantages and drawbacks of each product. Besides using tools for preprocessing all the text data to having a better structure, the project introduces an essential key called fastText. This language model is trained to understand a distribution over words. By analysing the semantic relationships between words, fastText can accurately predict their similarities for the effective clustering of related feedbacks together. This way, shopping online could become much easier, helping us pick the right products without reading every single review.