Mohamed Khider University of Biskra Faculty of Exact Sciences and Natural and Life Sciences Department of Computer science Module : Natural language Processing and pattern recognition

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## Mini project N° 1

A Sentiment Analyzer for Product Reviews

create a system that analyzes the sentiment (positive, negative, neutral) from users' product reviews. This can help quickly understand what customers think about a product without having to read every single comment.

## Steps :

- 1- Data Preprocessing
- 2- Text Representation
- 3- Modeling
- 4- Model Evaluation
- 5- Prediction on New Data