

Fake Review Detection using AI

Yeh project AI ka istemal kar ke online shopping websites (jaise ke Amazon, Daraz) par likhe gaye fake reviews ko pehchanay ke liye banaya gaya hai.

Objective

Maqsad yeh hai ke aisay reviews ko detect kiya ja sake jo jhoot par mabni hotay hain, aur customer ko ghalat faislay lene par majboor kartay hain.

Dataset Used

Is project mein aisa dataset istemal hua jisme har review ko mark kiya gaya tha ke woh 'real' hai ya 'fake'. Phir text ko machine learning model ke liye tayar kiya gaya.

Machine Learning Model

Text data ko TF-IDF method se vector form mein convert kiya gaya, aur phir Logistic Regression model use kar ke training di gayi.

Evaluation & Results

Model ki accuracy thi: 87.25%

Yeh model real reviews ko achi tarah identify kar saka, lekin fake reviews ko pehchanne mein thori difficulty hui.

Conclusion

Yeh AI-based model kaafi helpful sabit ho sakta hai online fake reviews filter karne ke liye. Aindah mazeed models (Random Forest, Neural Nets) try karna behtar ho ga.