There is NO official lrp package than can be used.

grad-cam can in fact be used with transformers with the "official" package.

grad-cam can be used with "vision" transformers with the "official" package.

grad-cam can't be used with classical ml

Lime and SHAP don't care about the type of model.

grad-cam works only on pytorch

https://github.com/albermax/innvestigate is an lrp implementation using keras

https://github.com/chr5tphr/zennit is an lrp implementation using pytorch

https://github.com/jacobgil/pytorch-grad-cam is a grad-cam pytorch implementation

Both lrp and grad-cam have relatively complete implementation for CNNs

Both can be used in NLP but with CNN models only (no attention-based or transformer-based models)

Both have incomplete implementation in case of attention-based or transformer-based models

Both LRP and grad-cam CAN be used with attention-based or transformer-based models but we will need to implement them from scratch

logistic regression need much more iterations than the default value to successfully converge (now it is set to 10,000 iterations maximum)

logistic regression with light stemming:

A screenshot of a computer

Description automatically generated

logistic regression with root stemming:

A screenshot of a computer

Description automatically generated

Naïve bayes with Light Stemming:

A screenshot of a computer screen

Description automatically generated

Naïve bayes with root Stemming:

