

Project Proposal

In your project proposal, please answer the following questions:

What are the names and NetIDs of all your team members? Who is the captain? The captain will have more administrative duties than team members.

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Which competition do you plan to join?

Text classification competition

If you choose the classification competition, are you prepared to learn state-of-the-art neural network classifiers?

Yes, I'm prepared to learn state-of-the-art neural network classifiers.

Name some neural classifiers and deep learning frameworks that you may have heard of.

Deep learning frameworks such as Pytorch and TensorFlow.

Artificial neural networks(ANN), LSTMs, CNN, RNN, transformers, transfer learning

Describe any relevant prior experience with such methods

Built machine learning models using sklearn libraries XGBoost, SVM to perform classification not limited to NLP

Built deep learning neural networks using Keras/TensorFlow and PyTorch

Text pre-processing using SpaCy and NLTK

Transfer Learning using SimpleRepresentations or HuggingFace

Which programming language do you plan to use?

Python