

000 ECE471, Selected Topics in Machine Learning – Assignment 5

001
002 Submit by Oct. 10, 10PM

003 tldr: Classify the AG News dataset posted on the course website. Achieve an
004 accuracy similar to the state of the art [1].
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008 **Problem Statement** Consider the AG News dataset [2] which contains headlines
009 and descriptions for a large set of news articles. Perform proper cross validation
010 and achieve a classification accuracy similar to those listed in Table 2 of [1]. Use
011 methods similar to those discussed in class.
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015 **References**
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018 [1] L. Wu, A. Fisch, S. Chopra, K. Adams, A. Bordes, and J. Weston, “Starspace:
019 Embed all the things!” *CoRR*, vol. abs/1709.03856, 2017. [Online]. Available:
020 <http://arxiv.org/abs/1709.03856>
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022 [2] “AG News Dataset.” [Online]. Available:
023 <http://ee.cooper.edu/~curro/cgml/week5/ag-news-csv.tar.gz>
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