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## [Instr Note] Extra Credit (not mandatory)

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**STAT/CS 5525 on Piazza** <no-reply@piazza.com>  
To: charsh7@vt.edu

Thu, Dec 7, 2017 at 8:06 PM

Instructor Scotland Leman posted a new Note. Your instructor selected to notify everyone in real time of this post, bypassing user email preferences.

### Extra Credit (not mandatory)

All,

If you haven't had enough fun already, on the website is a new multiclass (6 categories) classification dataset. You're provided with training data (Xs and Y) and your task is to construct predicted categories for the associated test set (Xs).

As extra credit (think on the order of an increase in a letter grade at maximum), you'd turn in:

-A (max) two page write up (you experience with the method, how you tuned it, cross validated performances, etc.) on using kernel based Naive Bayes for classifying the data.

-An electronic file of predicted/classified responses for the associated test data.

Due date: Dec. 16 Midnight

[Click here](#) to view. Search or link to this question with @52.

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