

ReadMe: Final Report

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New models included in this version:

- (1) A PCA/SVM genre classification model using poster color alone. This model performs comparably to our CNN poster models, around 65% accuracy in our three-class genre prediction problem.
- (2) A CNN model that predicts movie *decade* based on poster alone. This model outperforms random chance for classification across 5 decades, and predicts 1950s vs. 2010s at 85% accuracy. Its implications for the main genre prediction task are discussed in the final report.

Both of these models are explained in more depth in the report and their code is included for the first time in this submission. Models from previous milestones are unchanged; their code is included for TA reference.

Included in this submission:

- Final report PDF
- Screencast link
- Code for new models
- Archival model code (.zip)
- Cleaned data used for modeling tasks (.zip)