

STAT 101A Final Paper Guidelines

The Eight components of a research report are as follows: A title, an abstract, introduction, methodology, results, discussion, limitations and conclusions, and references. **No R codes in your final paper write-up.**

All groups need to report their latest and final:

1. Group members
2. Kaggle rank
3. Kaggle R^2
4. The total number of predictors used.
5. The total number of Betas including B_0
6. Latest BIC score of the final MLR model. “Use `ExtractAIC(model,k=log(n))`”

- A title.
- The Abstract. The abstract is an overview of the research study and is typically two paragraphs in length. Make sure to include your Kaggle name, R^2 of your training model and R^2 of your testing model, your Kaggle final rank and the number of predictors of your final model.
- Introduction: FIFA players and Wages, your goal and your data size used to achieve your goal. Data set Background.
- Methodology. (Must include evidence for the validity of your final model): Including matrix plots, correlation plots, VIF, validation plots, transformations, mmps, leverage plots, bad leverage points, weights (if any), creating new variables, etc...
- Results.
- Discussion.
- Limitations and conclusions.
- References.