What to include in your Final Project

The following applies to most projects. I would like to see a complete and coherent analysis of data. You should report and/or describe

1. Research question(s) and/or goal(s) of study and analysis.
2. The data.
3. Exploratory analyses and what you learned from them.
4. Model fitting and refinement to arrive at a final model. Give tests and results for random and fixed effects.
5. Examination of assumptions for the model that you choose.
6. A complete interpretation that addresses the question(s).