

Lab 1 Rubric - Outline

- **Skeleton/Structure (5 pts)**
 - One point each for having the following files. The file names must be *exactly the same*.
 - `run.sh`
 - `environment.yaml`
 - `lab1.tex` or `lab1.ipynb`
 - `clean.py`
 - `lab1.pdf`
 - Subtract one point if `lab1.pdf` meets any of these criteria. Total points for Skeleton/Structure cannot go below 0.
 - Name included on report.
 - Report goes over the page limit.
 - Code is included in the report.
- **Code Style (3 pts)**
 - One point each for:
 - Sufficient comments.
 - Sufficient docstrings.
 - Consistent style used.
- **Reproducibility (2 pts)**
 - One point each for the following:
 - No hard-coded paths outside the `lab1` folder.
 - Results reproduce without errors.
- **Data Cleaning (10 pts)**
 - Data collection description (0-2)
 - Quality of data cleaning (0-4)
 - Level of detail/transparency in data cleaning (0-4)
- **Figures - Data Cleaning + EDA (6 pts)**
 - Relevance of data cleaning/EDA figures (0-2)
 - Quality of data cleaning/EDA figures (0-4)
- **Findings (18 pts)**
 - Finding 1
 - Creativeness/interestingness of finding (0-3)
 - Quality of figure for finding (0-3)
 - Finding 2
 - Creativeness/interestingness of finding (0-3)
 - Quality of figure for finding (0-3)
 - Finding 3

- Creativeness/interestingness of finding (0-3)
 - Quality of figure for finding (0-3)
- **Reality Check (3 pts)**
 - Relevance of reality check (0-3)
- **Stability Check (3 pts)**
 - Relevance of stability check (0-3)
- **Writing (5 pts)**
 - Report readability (0-4)
 - Discusses the three realms (0-1).
- **Modeling (5 pts)**
 - Implementation of model #1 (0-2)
 - Implementation of model #2 (0-2)
 - Sufficient explanation of each model (0-1)