

ADMISSIONS DATA QUALITY AUDIT

Project Summary

Standardized admissions intake checks across identity, qualification, and eligibility fields to reduce correction loops before committee sign-off.

Work Context

At FUTA (Systems & Data Analyst / System Programmer, 2017-2023), this process was used each intake cycle to validate submitted applicant records and prepare clean rosters for review.

Current Implementation

I now maintain the same rules in script-driven validation assets and reusable configuration files for consistent execution across cycles.

Results and Impact

- Applicants reviewed: 2K+
- Residual error rate after cleanup: 0.8%
- Validation rule sets: 4

Deliverables

- Data quality scripts:
https://github.com/toughdave/scripting/tree/main/scripts/python/data_quality
- Rules validator: 'scripts/python/data_quality/config_rules_validator.py'
- Validation rule sample: 'data/sample/validation_rules.json'

Technical Notes

- Rule categories: required fields, score thresholds, duplicate identity checks, eligibility conditions.
- Outputs include issue queues for manual review and sign-off summaries.