



DATA Act and FFATA Submission Validation Failure Loop

PROBLEM STATEMENT

RD-FO submits monthly and quarterly financial assistance and procurement data into the USDA NFC-managed DATA Act pipeline feeding USAspending.gov, and File-level validation errors and warnings (FABS and DAIMS) require resubmission cycles consuming scarce OBP, NFAOC, and program-office time.

WHY IT MATTERS

The DATA Act of 2014 built on FFATA and made USAspending the canonical public record of federal spending; published warnings and errors are visible to OMB, GAO, OIG, Congress, and the public. A high error rate undermines RD's program-justification narrative and erodes Department-wide DATA Act maturity scores.

HSG'S APPROACH

1. Build a pre-submission validation layer running DAIMS-defined edits, FABS warning checks, and USDA OCFO-defined business rules against the proposed monthly / quarterly extract before submission.
2. Use a Claude-API-backed LLM to generate plain-English exception narratives and proposed corrections for analyst sign-off.
3. Maintain a published-record reconciliation comparing each submitted record to the actual USAspending publication and flag any that landed with warnings.
4. Integrate with FMFI, NFC FMS, and RD program subledgers so validation reads from authoritative sources.
5. Build a quarterly DATA Act maturity dashboard (error rate, warning rate, correction-cycle time, agency comparison).

EXPECTED DELIVERABLES

- DAIMS / FABS pre-submission validation engine
- Exception narrative auto-draft tool
- Published-record reconciliation log
- DATA Act maturity dashboard
- SOP for OBP / NFAOC submission analysts

EXPECTED OUTCOME

Reduce DATA Act submission error rate by 70%, cut average correction cycle from 21 days to 5 days, and improve RD's contribution to USDA's overall DAIMS maturity score.

ENGAGEMENT TEAM

PRIMARY LEAD

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