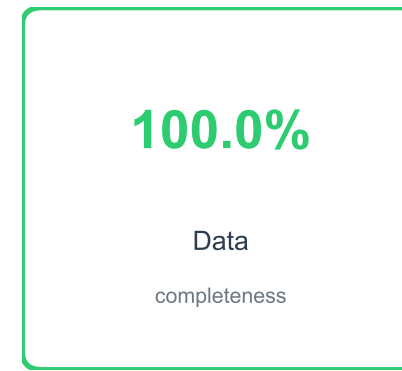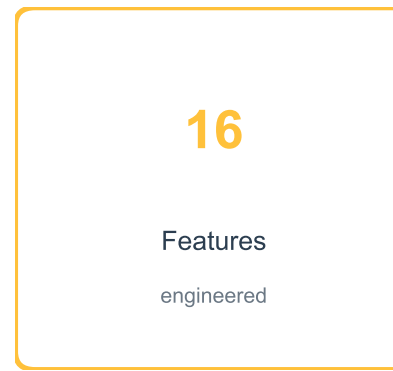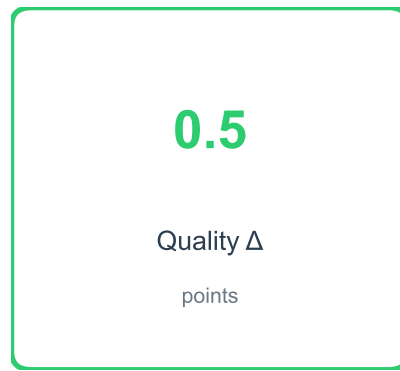# RTGS DATA INTELLIGENCE DASHBOARD
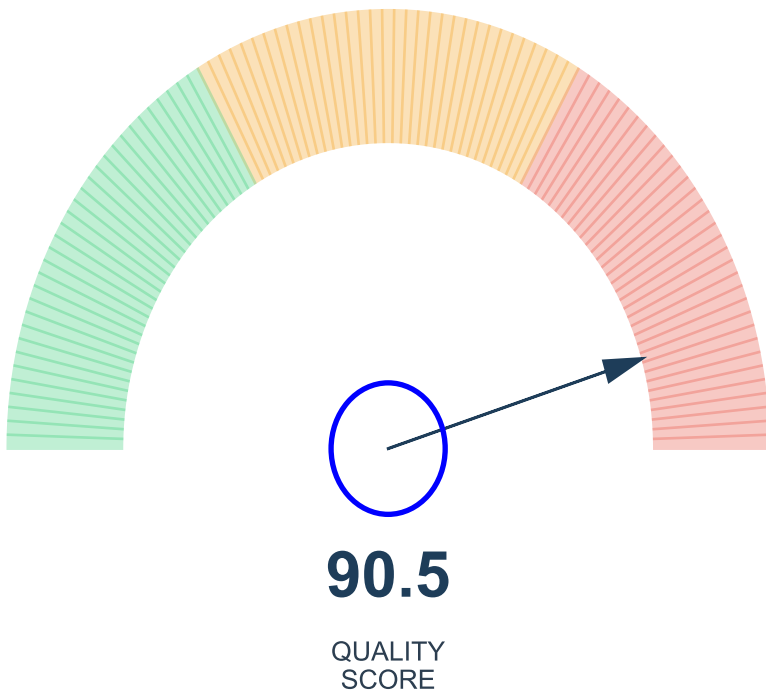
Executive Analytics Overview | Real-Time Gross Settlement System

0.5	1063	16	100.0%
Quality Δ	Records	Features	Data
points	processed	engineered	completeness

90.5

QUALITY SCORE

Data Processing Pipeline

Raw Data → Cleaned → Transformed → Validated → Production

Quality Improvement Trajectory

Initial	Cleaning	Transformation	Validation	Final
90.0	90.2	90.3	90.4	90.5

Quality Score
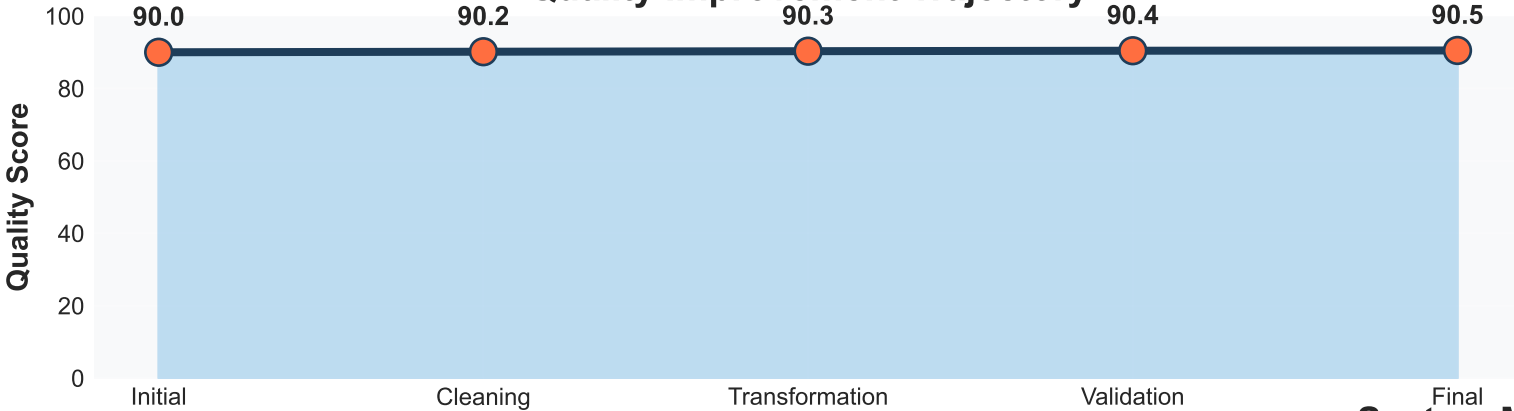
Dataset Profile Comparison

Legend: Original, Processed

Metrics: Rows, Columns, Numeric, Categorical, Complete %

Values

Risk Assessment Matrix

Impact →
Likelihood →

Completeness
Data Quality
Outliers
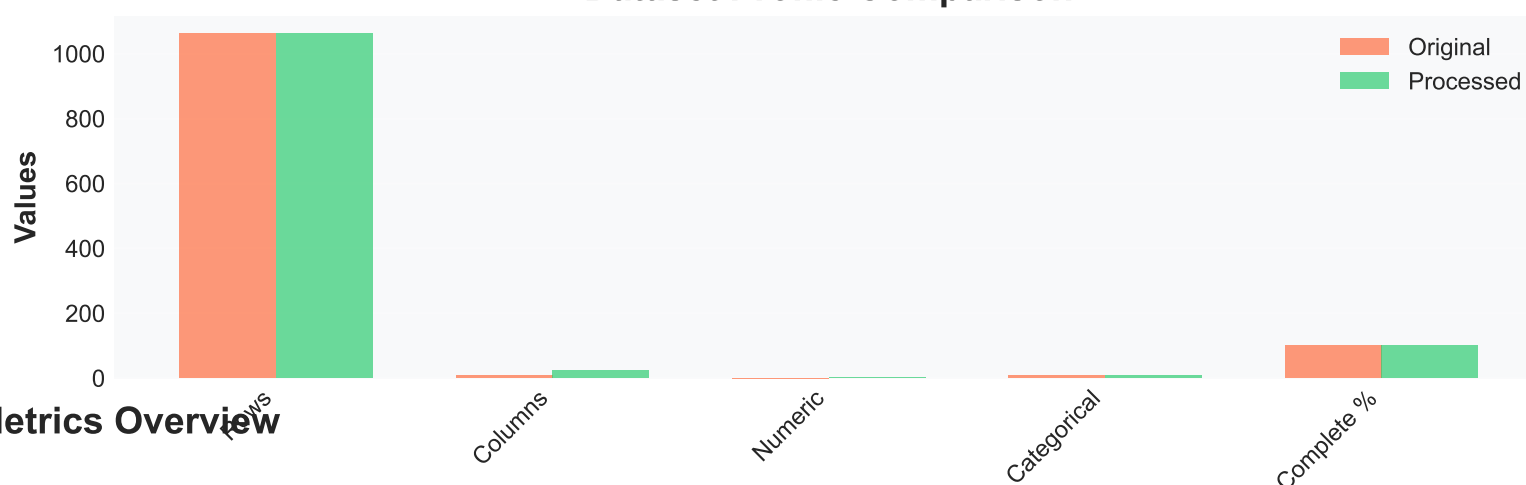
System Metrics Overview

DATASET METRICS SUMMARY

Records Processed: 1,063
Total Features: 24
Numeric Features: 1
Data Completeness: 100.0%

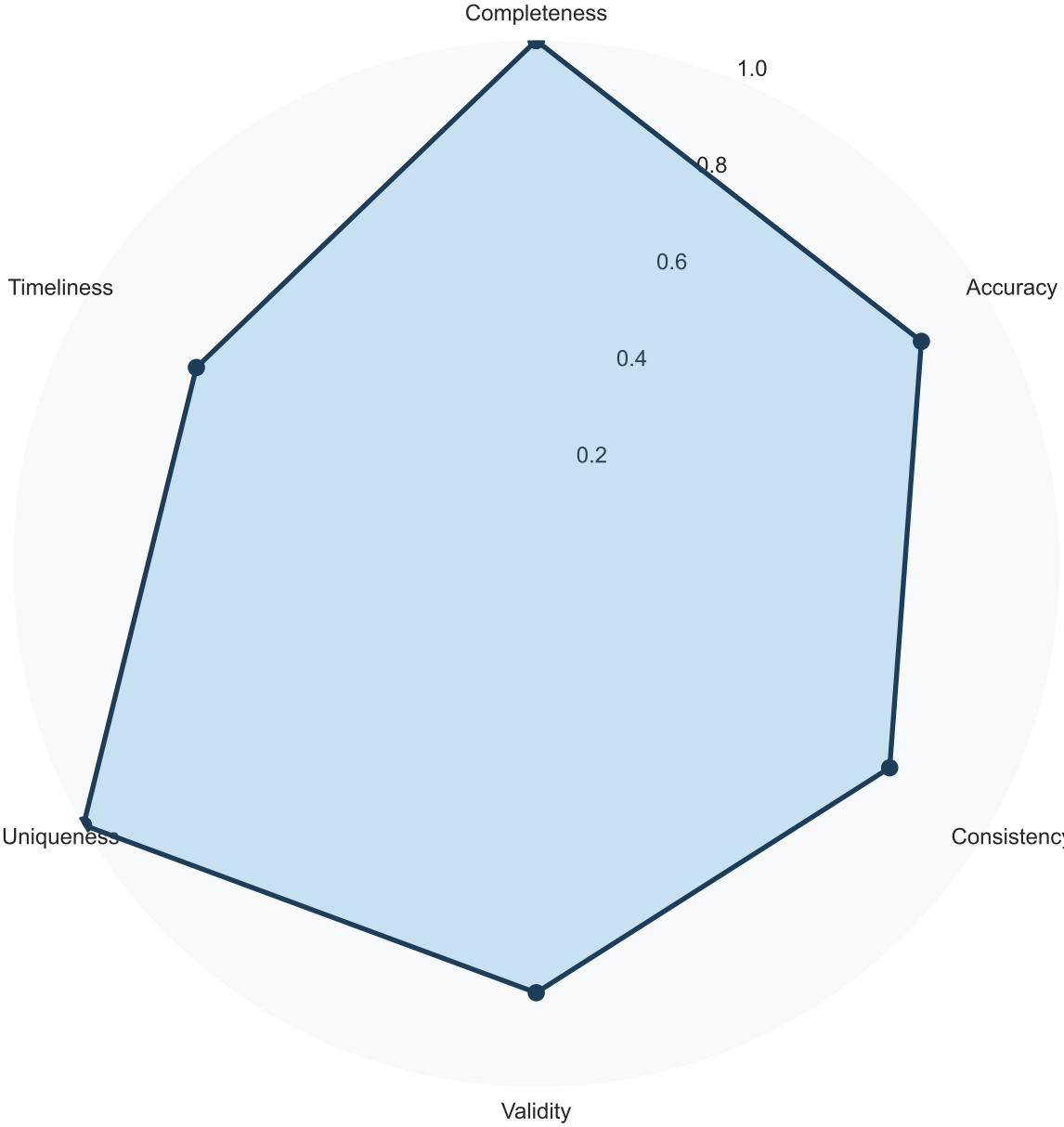Quality Status: Production Ready
ML Readiness: 87%
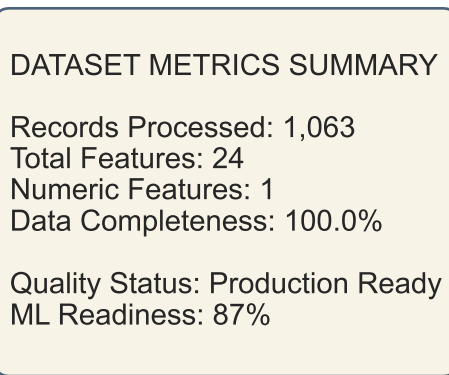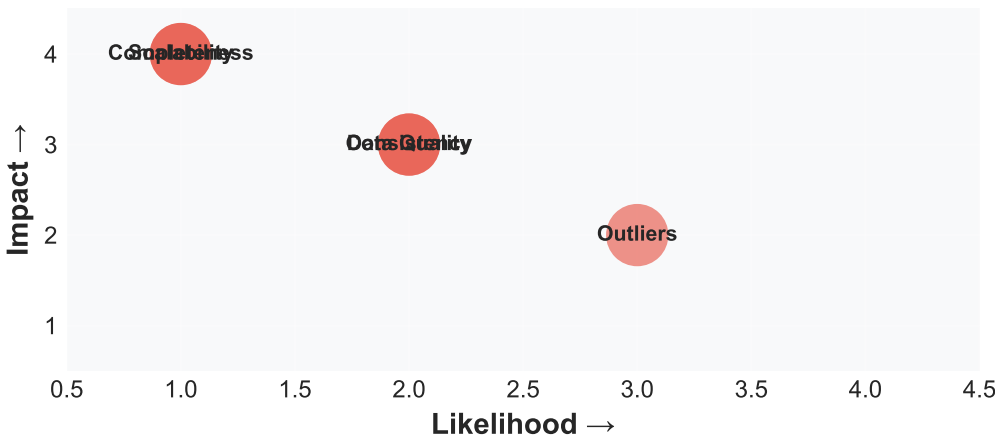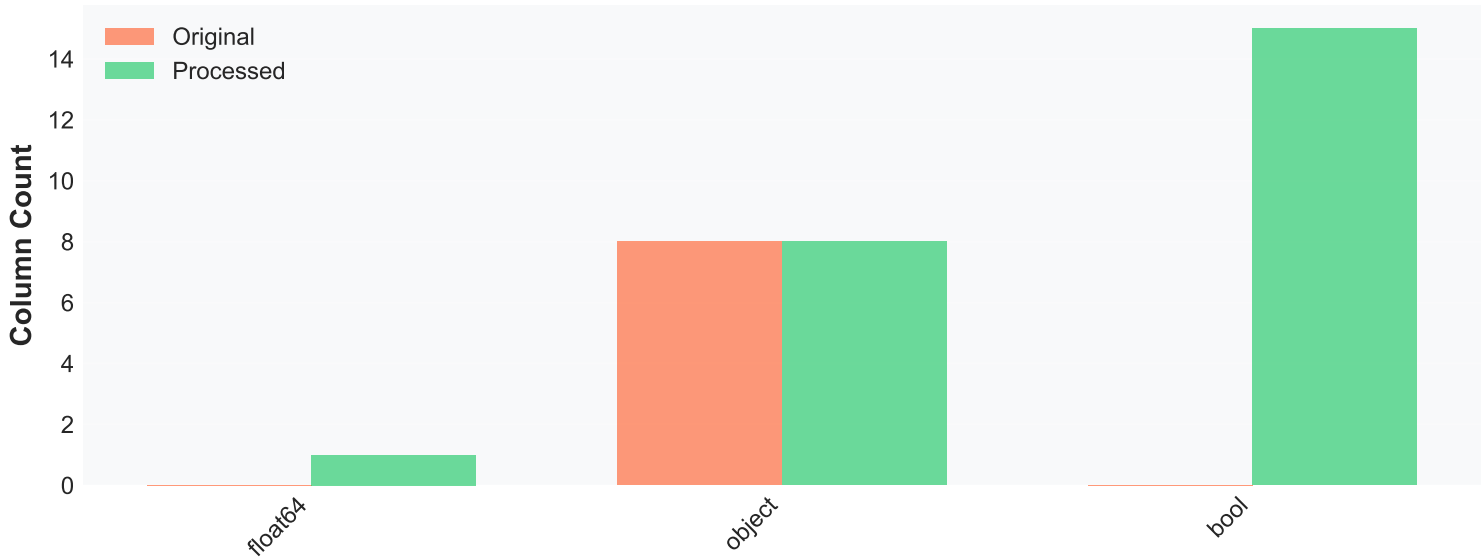
RECOMMENDED NEXT ACTIONS

1. Deploy to production environment
2. Set up monitoring dashboards
3. Configure automated alerts
4. Schedule regular quality audits
5. Document transformation rules
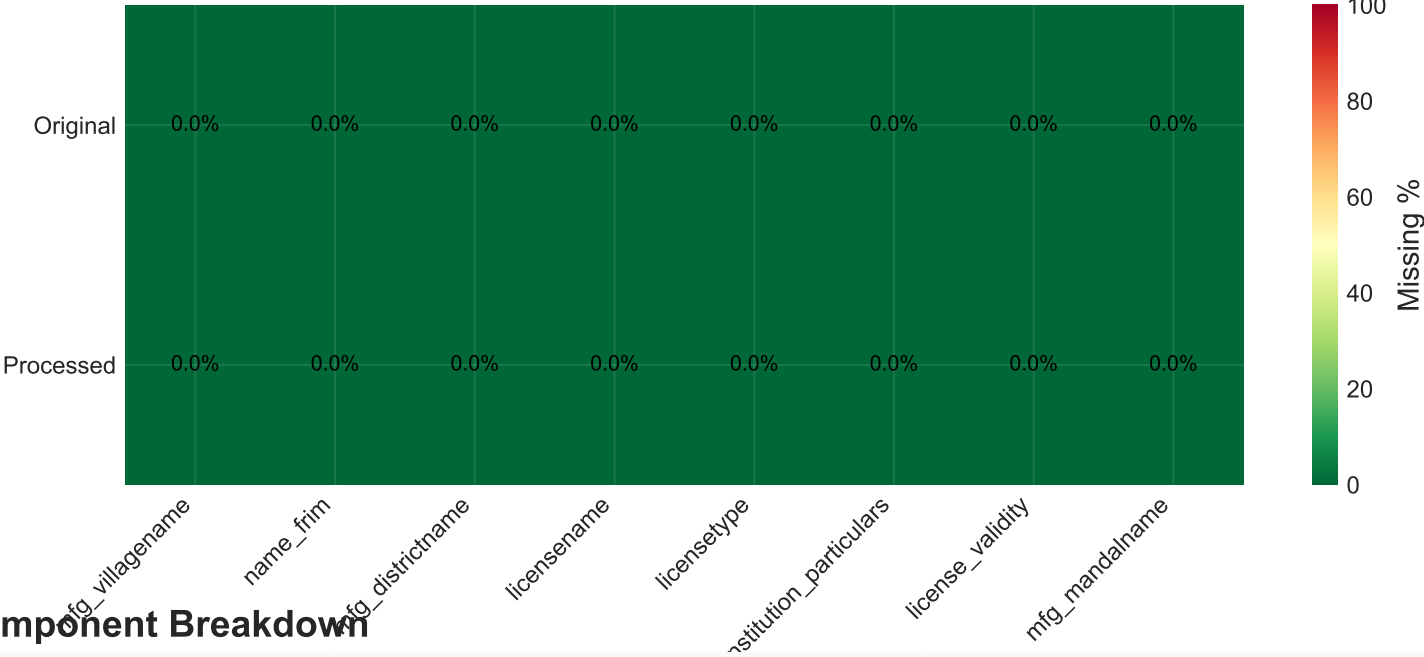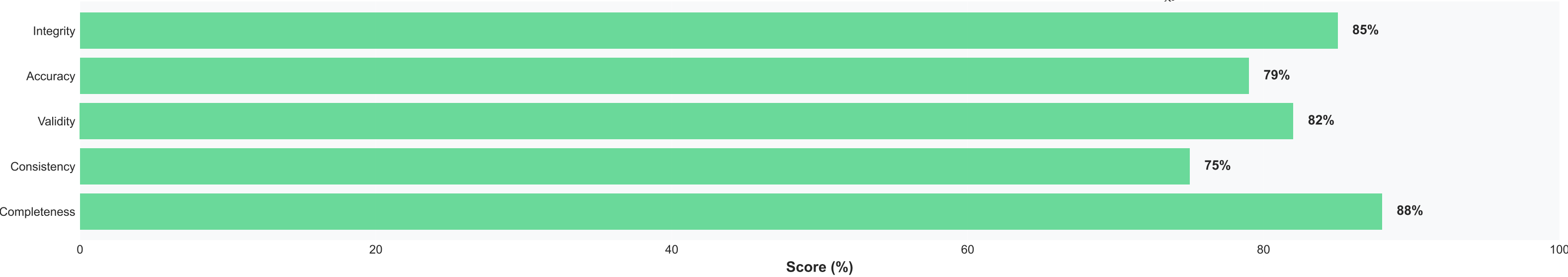
DATA QUALITY SCORECARD
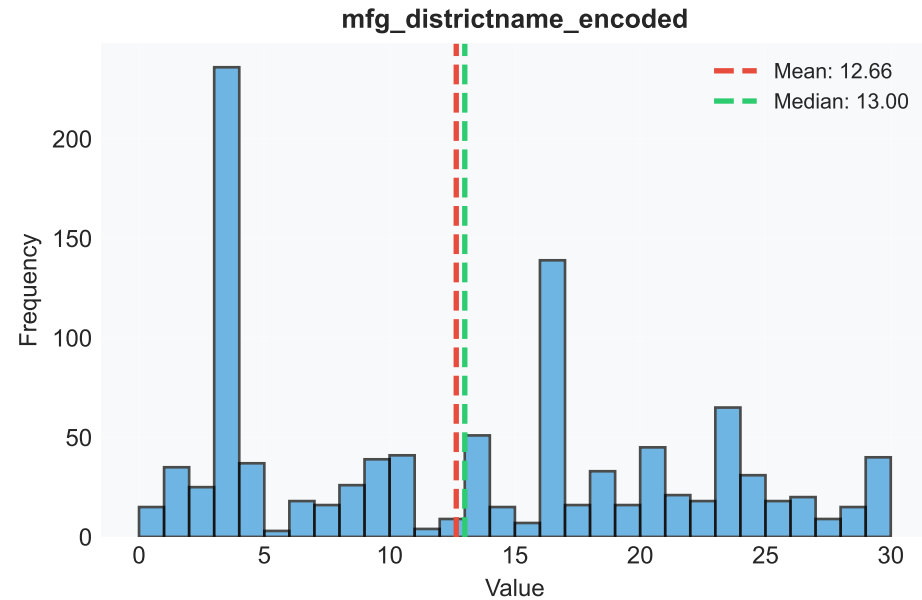
Data Quality Dimensions

Data Type Evolution

- Original
- Processed

Missing Data Heatmap (%)

	mfg_villagename	name_frim	mfg_districtname	licensename	licensetype	institution_particulars	license_validity	mfg_mandalname
Original	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Processed	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Quality Score Component Breakdown

Component	Score
Integrity	85%
Accuracy	79%
Validity	82%
Consistency	75%
Completeness	88%

mfg_districtname_encoded

Mean: 12.66
Median: 13.00
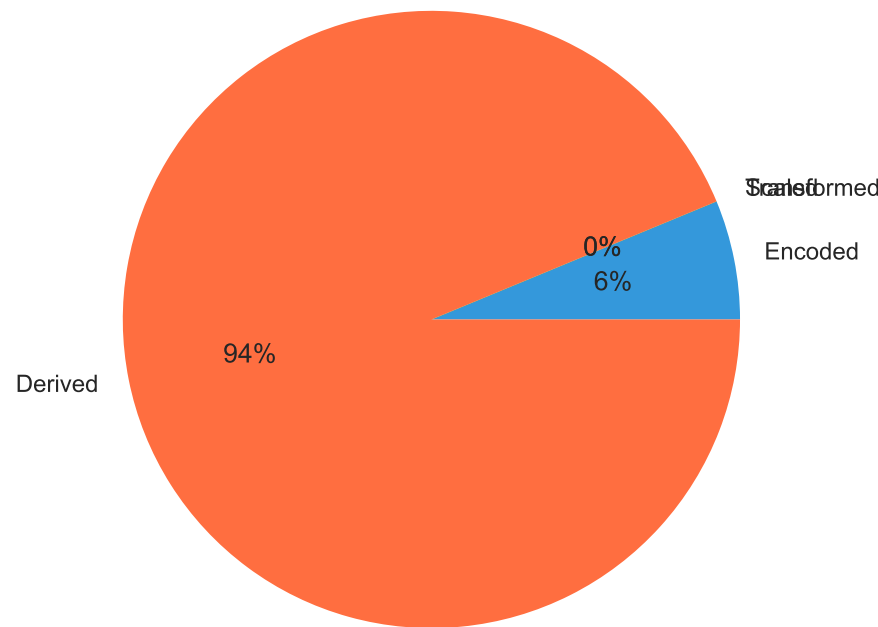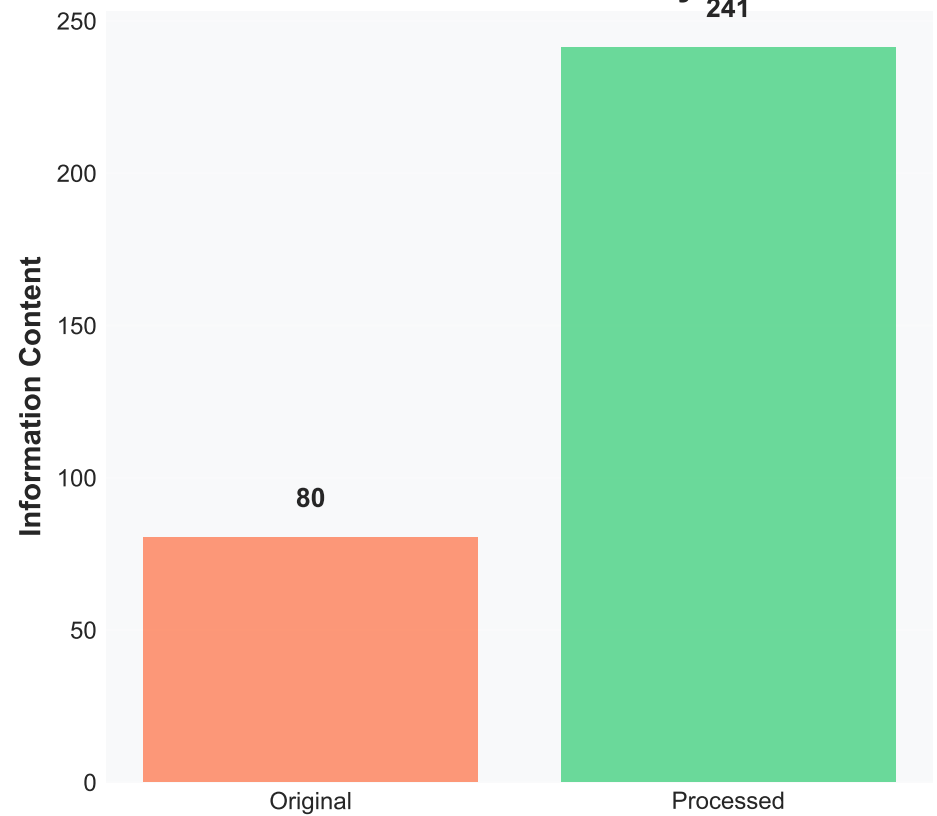
CORRELATION & PATTERN DISCOVERY
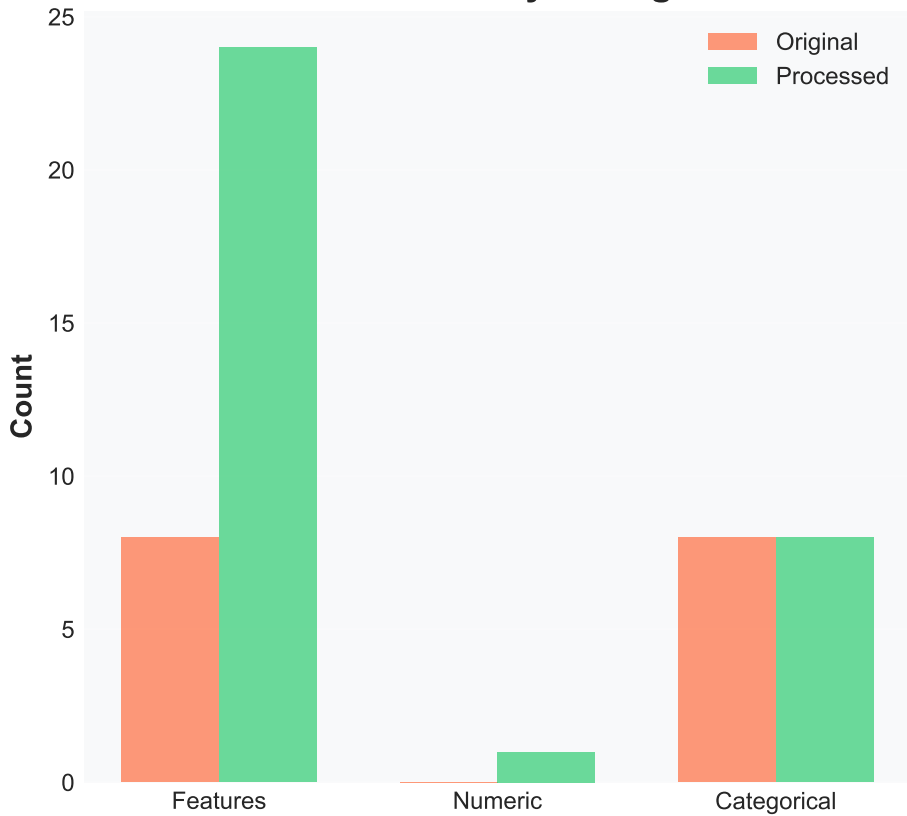
FEATURE ENGINEERING IMPACT ANALYSIS

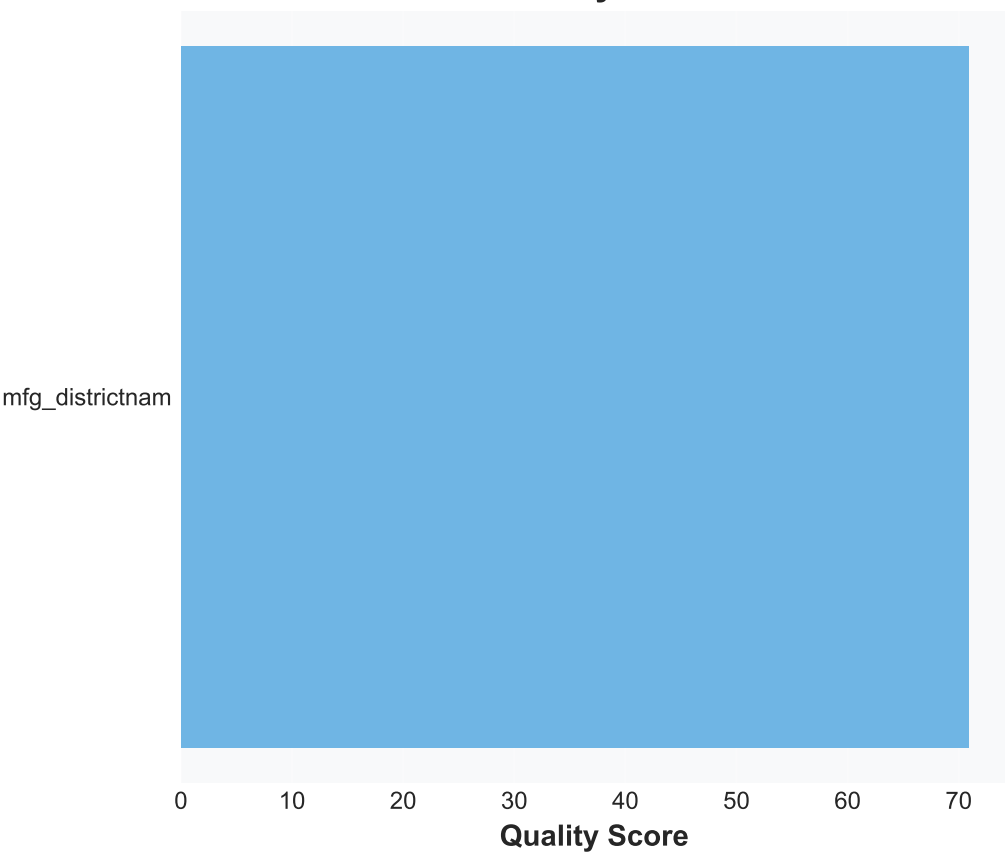## Feature Engineering Summary (16 new features)

Information Gain Analysis
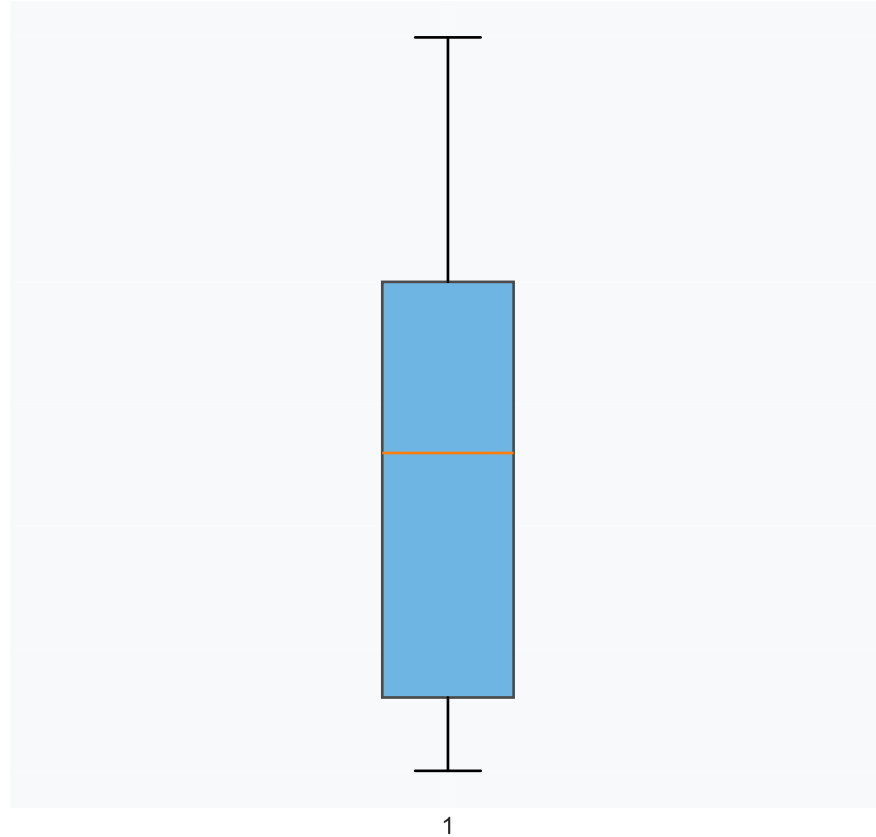
Dimensionality Changes

Feature Quality Assessment
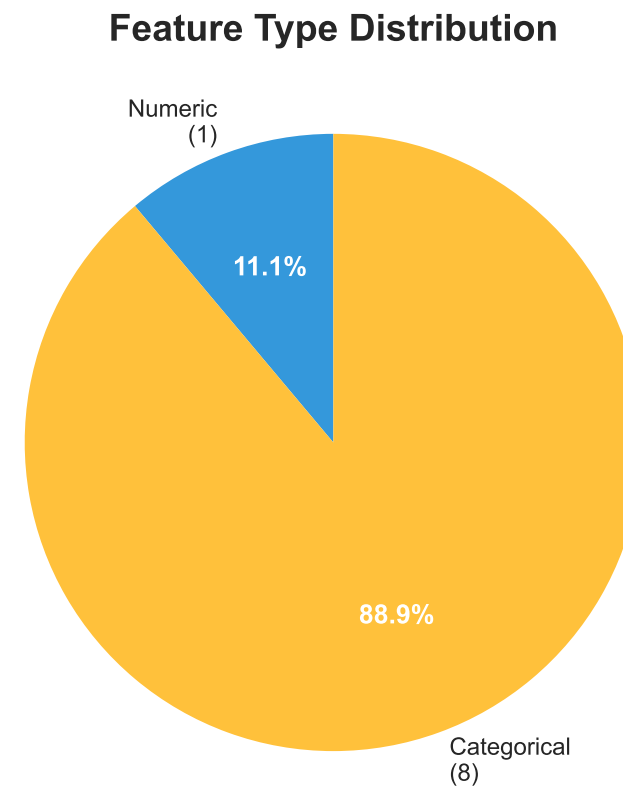
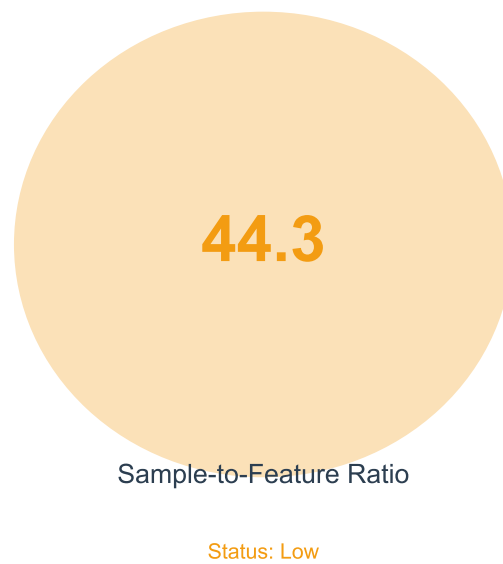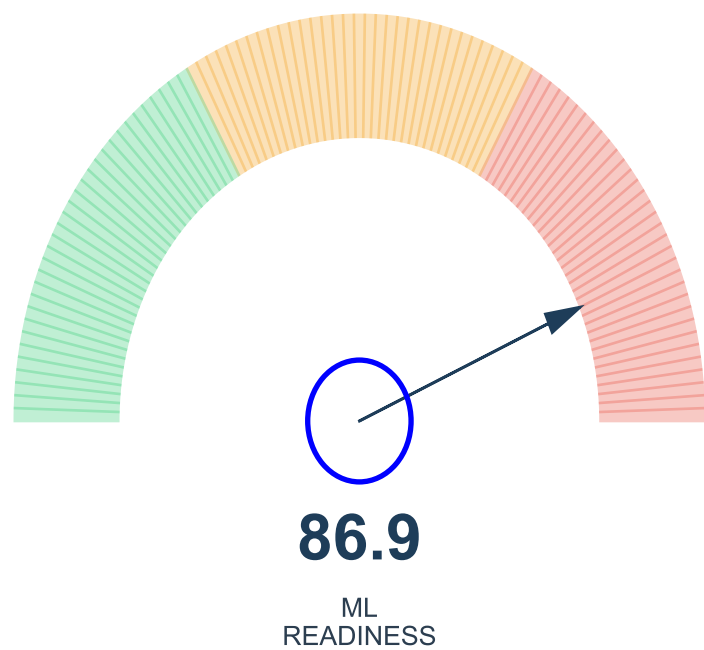# ANOMALY DETECTION & OUTLIER ANALYSIS

mfg_districtname_encoded
0.0% outliers

TEMPORAL PATTERNS & TRENDS

No temporal patterns detected in dataset

MACHINE LEARNING READINESS ASSESSMENT

Feature Type Distribution

Numeric (1): 11.1%

Categorical (8): 88.9%

86.9

ML READINESS

44.3

Sample-to-Feature Ratio

Status: Low

Recommended ML Algorithms

SVM — 75% - Good for classification

Logistic Regression — 78% - Baseline model

Neural Networks — 85% - Deep learning potential

Suitability Score (%)