

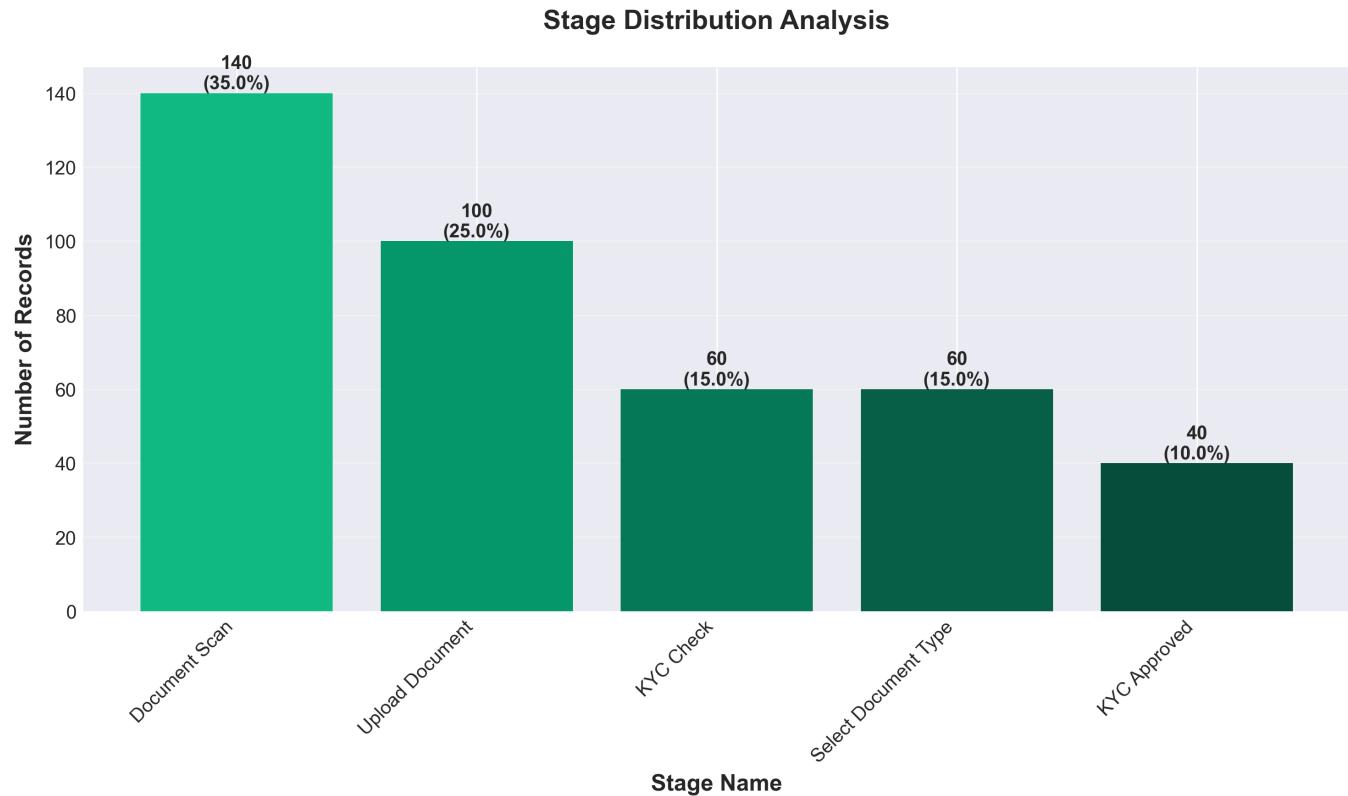
Data Visualization Guide

Digital KYC: Reduce Drop-Off, Lift Conversion

This document describes all the visualizations created for the case study analysis.

Visualization Files Created

1. Stage Distribution Analysis



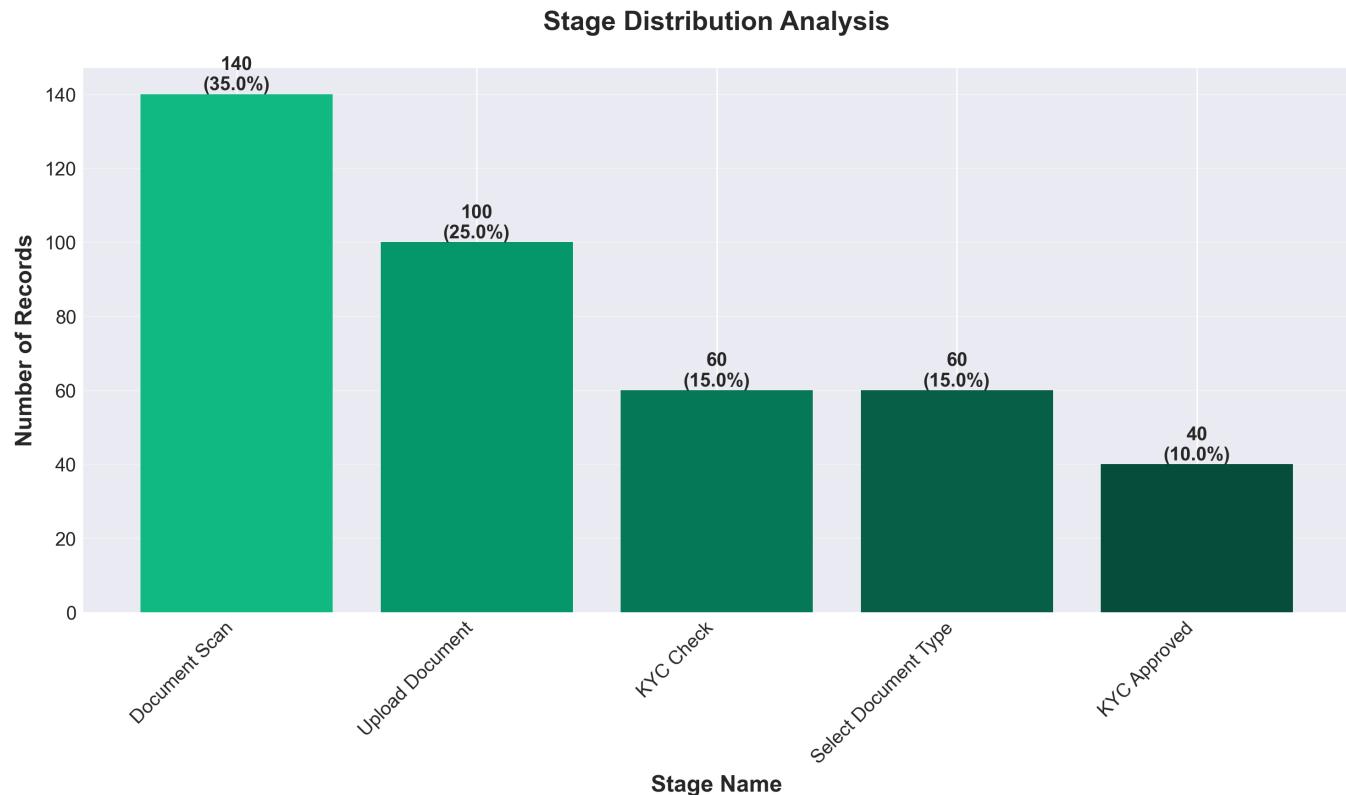
Purpose: Shows the volume of transactions at each stage of the KYC process.

Key Insights:

- Document Scan has the highest volume (140 records, 35%)
- Upload Document is second (100 records, 25%)
- Together, these two stages account for 60% of all transactions
- Indicates these are the primary bottleneck stages

Use Case: Include in Section 2.2 (Stage Distribution Analysis) of the case study report.

2. Failure Rate by Stage



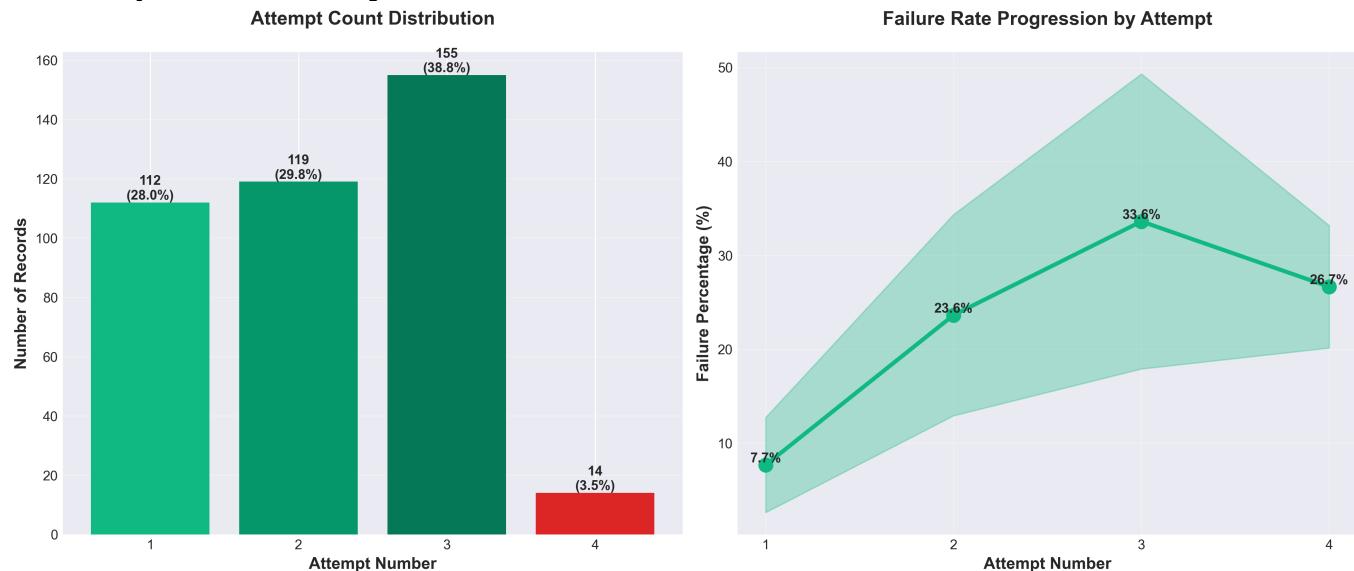
Purpose: Compares average and maximum failure percentages across all stages.

Key Insights:

- KYC Check has the highest average failure rate (46.8%)
- Upload Document shows the highest maximum failure rate (64.3%)
- Document Scan has moderate failure rates but highest volume
- Helps prioritize which stages need immediate attention

Use Case: Include in Section 2.3 (Failure Rate Analysis by Stage) of the case study report.

3. Attempt Pattern Analysis



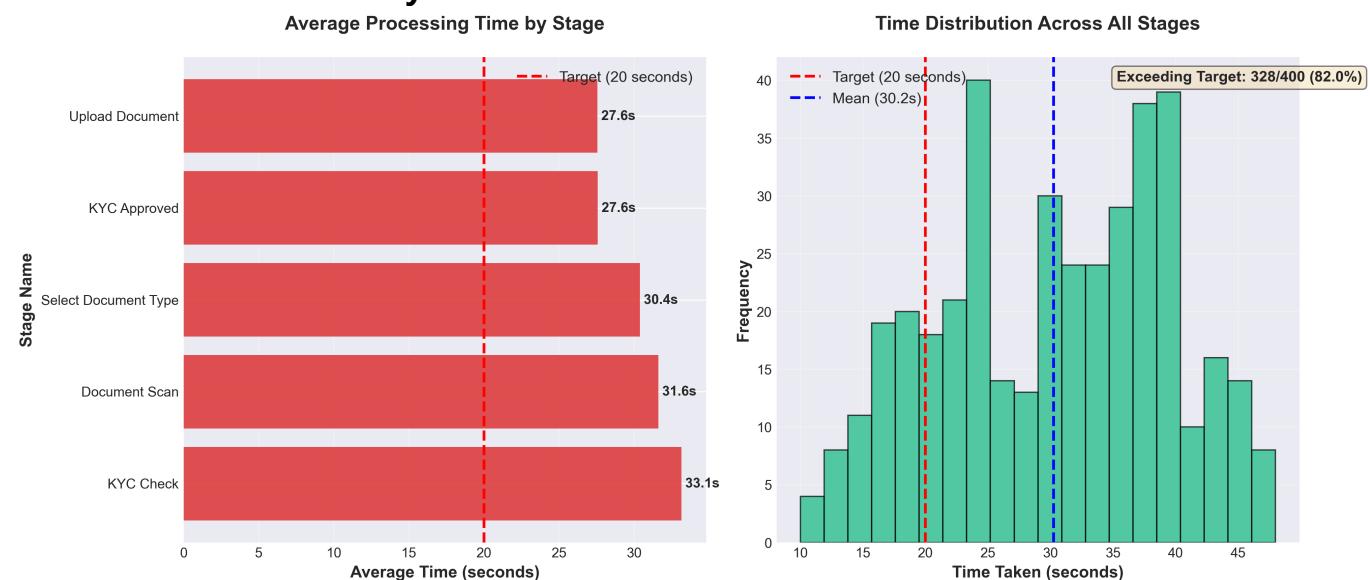
Purpose: Dual chart showing attempt count distribution and failure rate progression.

Key Insights:

- 38.75% of customers require 3 attempts (155 out of 400)
- Only 3.5% reach 4th attempt (automatic rejection)
- Failure rate triples from 1st to 3rd attempt (7.7% → 33.6%)
- Shows progressive difficulty as customers retry

Use Case: Include in Section 2.4 (Attempt Pattern Analysis) of the case study report.

4. Time Performance Analysis



Purpose: Shows average processing time by stage and overall time distribution.

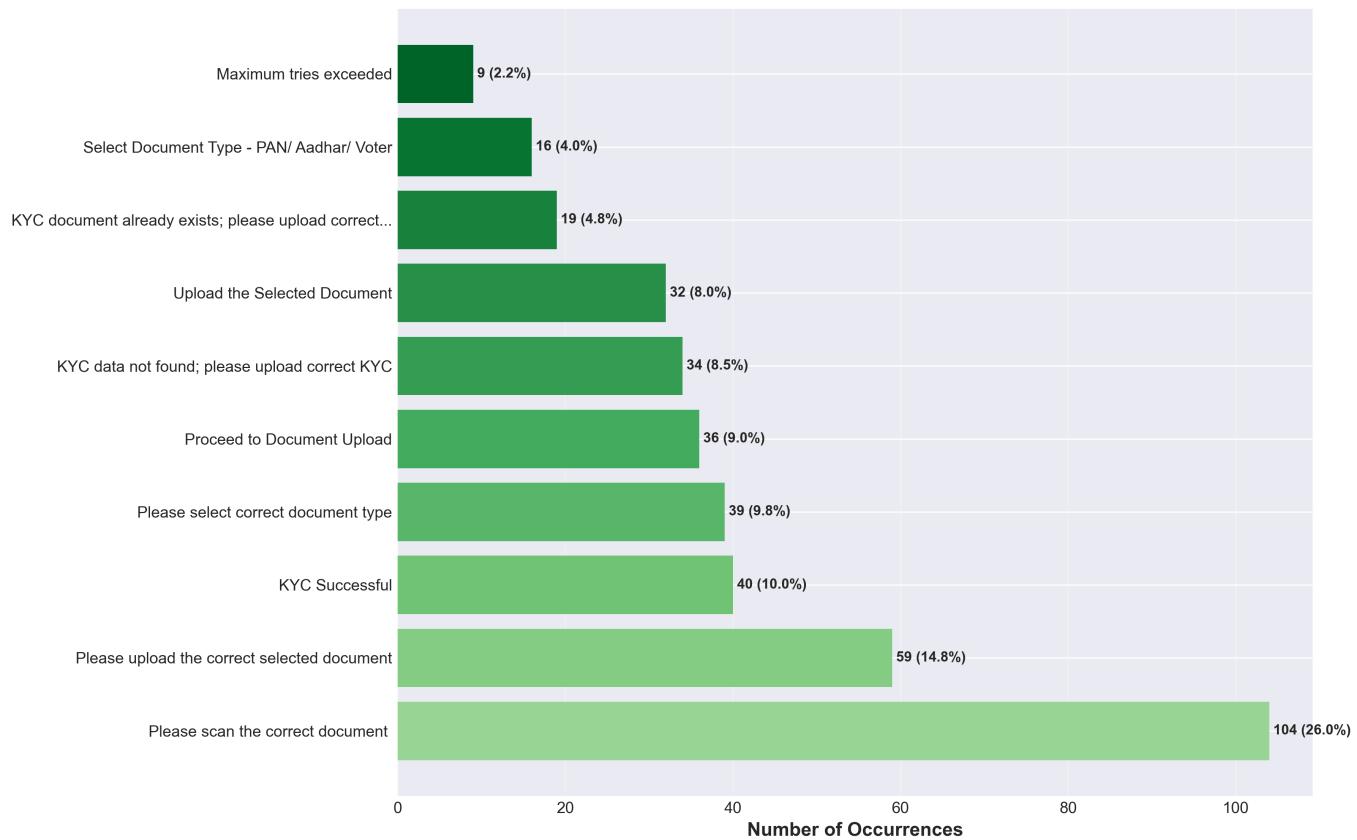
Key Insights:

- 82% of transactions exceed the 20-second target
- KYC Check has the longest average time (33.2 seconds)
- Most stages exceed target significantly
- Time distribution shows wide variance in processing times

Use Case: Include in Section 2.5 (Time Performance Analysis) of the case study report.

5. Error Type Distribution

Top 10 Error Types Distribution



Purpose: Displays the top 10 most common error types encountered.

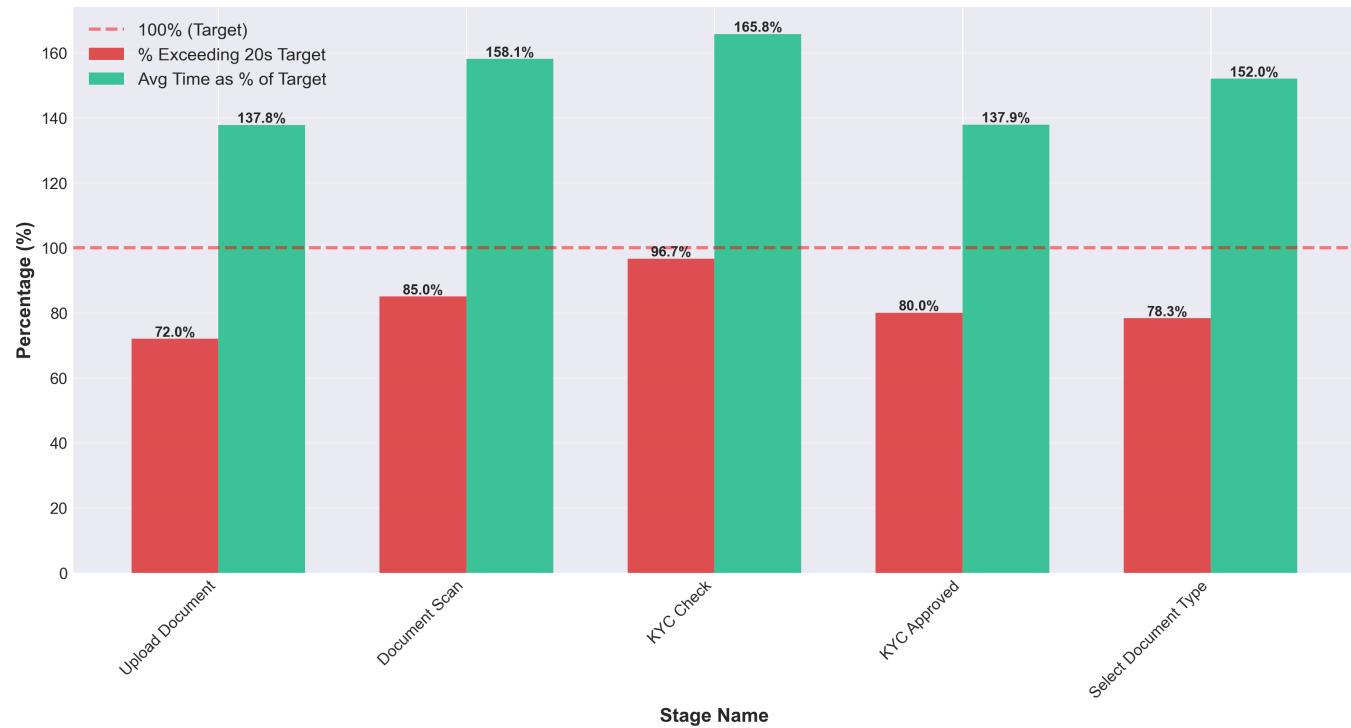
Key Insights:

- "Please scan the correct document" is the most common error (26%)
- Upload-related errors are second most common (14.8%)
- Duplicate KYC errors account for 4.8% of all errors
- Helps identify specific user guidance needs

Use Case: Include in Section 2.6 (Error Type Distribution) of the case study report.

6. Time vs Target by Stage

Time Performance vs Target by Stage



Purpose: Compares percentage of transactions exceeding target vs. average time as percentage of target.

Key Insights:

- KYC Check: 96.7% exceed target, 166% of target time
- Document Scan: 85% exceed target, 158% of target time
- All stages significantly exceed the 20-second target
- Visual comparison makes performance gaps clear

Use Case: Include in Section 2.5 (Time Performance Analysis) or Section 3 (Root Cause Analysis).

7. Comprehensive Dashboard

Digital KYC Process - Comprehensive Analysis Dashboard



Purpose: Single-page overview of all key metrics and analyses.

Components:

- Stage distribution (pie chart)
- Failure rate by stage (horizontal bar)
- Attempt count distribution
- Time performance box plot
- Top 5 error types
- Key metrics summary panel

Key Insights:

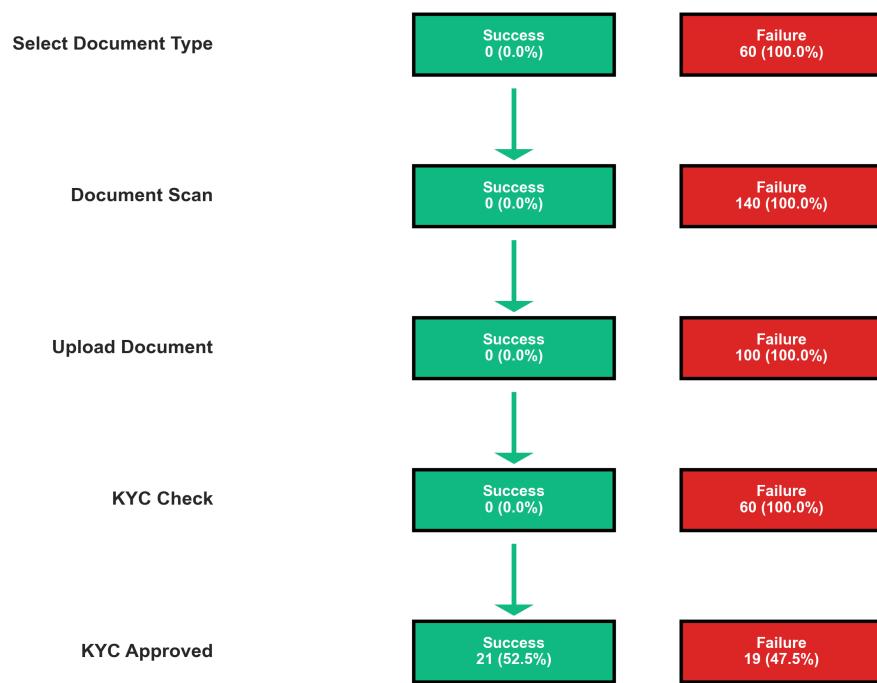
- Provides executive-level overview
- All critical metrics in one view
- Easy to understand at a glance

Use Case:

- Include as a summary slide in presentations
- Use in Executive Summary section
- Reference in conclusion

8. Customer Journey Flow

Customer Journey Flow - Success vs Failure at Each Stage



Purpose: Visual representation of success vs. failure rates at each stage of the customer journey.

Key Insights:

- Shows progression through stages
- Highlights where customers drop off
- Success/failure rates at each checkpoint
- Visual flow makes journey clear

Use Case:

- Include in Problem Statement section
- Use in presentations to explain process
- Reference when discussing customer experience