

Learning Engagement Analysis Report

Card Completion and Progress Tracking Analysis

Analytics Team

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1 Executive Summary

This report analyzes learning engagement data to understand card completion patterns across different business units and organizational structures. Key findings include completion rates, progress tracking, and performance metrics across TET (Training Engagement Taxonomy) levels.

1.1 Key Findings

- Analysis covers learning card completion data across multiple business units
- Completion threshold set at 80% for performance measurement
- Progress tracking shows cumulative engagement over time

- Performance varies significantly across TET 1 and TET 2 categories

2 Data Processing and Validation

Data loaded successfully: 2807 records

Data dimensions: 2807 23

Available columns: 23

Total cards for analysis: 2596

Table 1: Data Quality Summary

Total Records	Unique Users	Business Units	Date Range	Missing Dates
2596	377	1	2025-04-01 to 2025-07-30	0

3 Analysis Results

3.1 Card Completion Progress Analysis

Table 2: Overall Performance Metrics

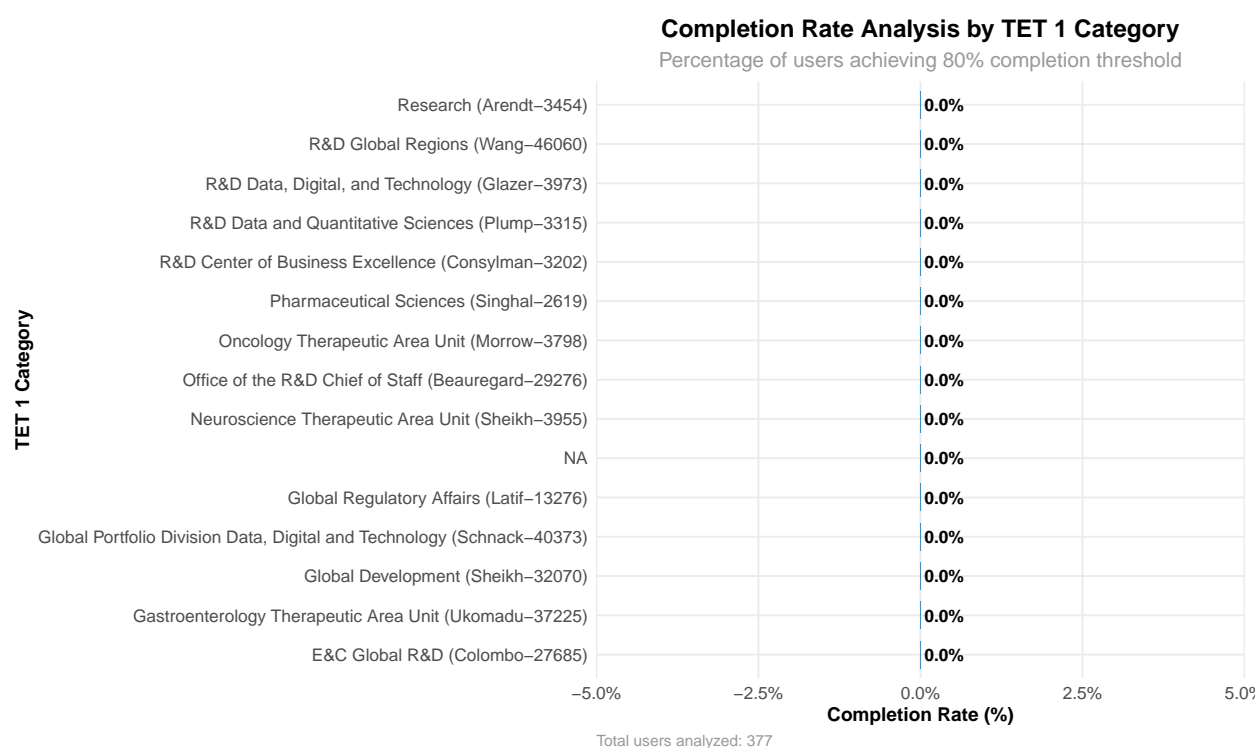
Total Users	Avg Completion Rate	Users 80%	% Achieving 80%	Avg Active Days
377	0.003	0	0	1

3.2 Completion Analysis by TET 1 Categories

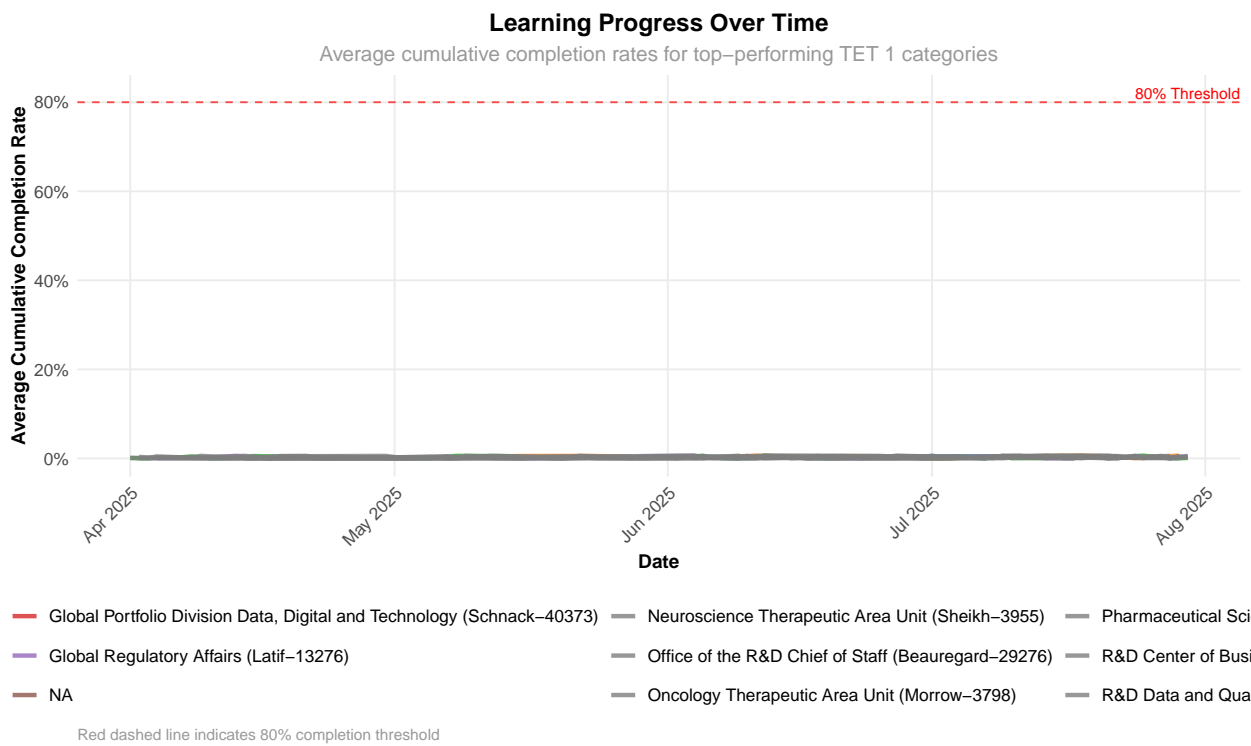
Table 3: Completion Rates by TET 1 Category

TET 1 Category	Total Users	Users 80%	80% Com
E&C Global R&D (Colombo-27685)	2	0	
Gastroenterology Therapeutic Area Unit (Ukomadu-37225)	23	0	
Global Development (Sheikh-32070)	65	0	
Global Portfolio Division Data, Digital and Technology (Schnack-40373)	1	0	

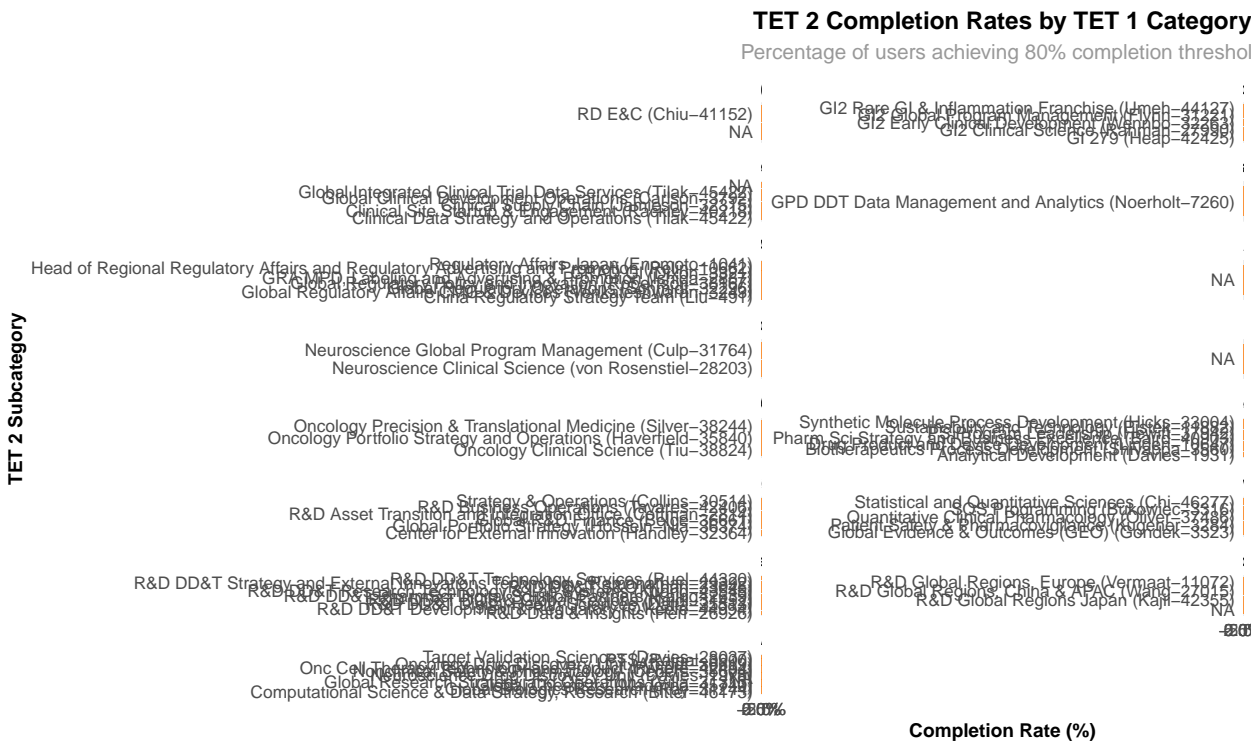
Global Regulatory Affairs (Latif-13276)	40	0
NA	1	0
Neuroscience Therapeutic Area Unit (Sheikh-3955)	4	0
Office of the R&D Chief of Staff (Beauregard-29276)	4	0
Oncology Therapeutic Area Unit (Morrow-3798)	13	0
Pharmaceutical Sciences (Singhal-2619)	49	0
R&D Center of Business Excellence (Consylman-3202)	26	0
R&D Data and Quantitative Sciences (Plump-3315)	70	0
R&D Data, Digital, and Technology (Glazer-3973)	22	0
R&D Global Regions (Wang-46060)	11	0
Research (Arendt-3454)	46	0



3.3 Progress Tracking Over Time



3.4 Detailed Analysis by TET 2 Subcategories



4 Recommendations

Based on the analysis results:

4.1 Performance Improvement Areas

1. **Focus on underperforming TET 1 categories** with completion rates below 60%
2. **Implement targeted interventions** for TET 2 subcategories showing low engagement
3. **Develop mentorship programs** for users struggling to reach the 80% threshold

4.2 Data Collection Enhancements

1. **Track user engagement metrics** beyond card completion
2. **Implement real-time progress monitoring** dashboards
3. **Collect user feedback** to understand completion barriers

4.3 Reporting Improvements

1. **Establish monthly reporting** cycles for continuous monitoring
 2. **Create automated alerts** for users falling behind completion targets
 3. **Develop predictive models** to identify at-risk users early
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5 Appendix

5.1 Technical Notes

- Analysis based on 2596 learning records
- Completion threshold set at 80%
- Data covers period from 2025-04-01 to 2025-07-30

5.2 Data Dictionary

- **TET 1:** Primary training engagement taxonomy level
- **TET 2:** Secondary training engagement taxonomy level
- **TET 3:** Tertiary training engagement taxonomy level
- **Cumulative Proportion:** Running total of completed cards divided by total available cards
- **Completion Rate:** Percentage of users achieving 80% completion threshold

Report generated on 2025-08-01 using R and Quarto