**-:Student Dashboards:-**

**Power BI Dashboards:**

# 1- Student Demographics Overview

**Summary of Key Metrics**

The dashboard presents a comprehensive view of student user demographics for the Studify platform, highlighting several important KPIs: **Primary Metrics**

* **Total Students:** 69.5K users are currently registered on the platform
* **Average User Age:** 28.5 years across all users
* **Users Age 25-34:** 25K users fall within this primary age bracket
* **Top User Country:** United States of America leads in user registration **Gender Distribution**
* **Female Users:** 34.7K users (49.94%)
* **Male Users:** 34.8K users (50.06%)
* The gender distribution is nearly equal with a slight majority of male users **Age Group Distribution**
* **25-34 years:** 25K users (largest segment)
* **18-24 years:** 19K users
* **35-49 years:** 12K users
* **Under 18 years:** 9K users
* **50+ years:** 4K users
* The platform has strongest appeal to young adults and young professionals

**Geographic Distribution**

* A global user map shows concentration across multiple regions
* The United States is the dominant market
* Several other countries show significant user presence, with varying densities indicated by color intensity

**Dashboard Navigation**

The left sidebar shows additional available analytics sections:

* Student Demographics Overview (current view)
* Enrollment & Progress Tracking
* Learning Behavior Insights
* Course Engagement & Completion
* Financial Overview

I'll document the key metrics and information from this "Enrollment & Progress Tracking" dashboard.

# 2- Enrollment & Progress Tracking

**Summary of Key Metrics**

The dashboard provides detailed analytics on student enrollment and course progress on the Studify platform, highlighting several critical KPIs: **Primary Metrics**

* **Total Enrollments:** 43.3K courses enrolled across all users
* **Average Grade:** 76.0 points average student performance
* **Average Progress %:** 56.0% completion rate across all ongoing courses
* **Completion Rate:** 32.2% of all enrollments are fully completed **Enrollment Growth Trend**
* **2020:** ~0.8K enrollments (platform launch)
* **2021:** ~0.3K enrollments (slight decrease)
* **2022:** ~1.3K enrollments (recovery and growth)
* **2023:** ~3.3K enrollments (significant growth)
* **2024:** ~6.4K enrollments (peak year)
* **2025:** ~2.4K enrollments (projected/partial year)
* The platform experienced substantial growth from 2022-2024, with 2024 showing the highest enrollment numbers **Enrollment Status Breakdown**
* **In Progress:** 20.74K enrollments (47.9%)
* **Completed:** 13.93K enrollments (32.2%)
* **Not Started:** 8.61K enrollments (19.9%)
* The remaining 41.5% of users have either not started or are still progressing through courses

**Average Grade by Course Category**

Performance varies across course categories:

* IT/Computer Science courses: ~77.7 (highest average)
* Business: ~76.5
* Mathematics: ~76.3
* Physics: ~76.2
* Engineering: ~75.9
* Chemistry: ~75.9
* Economics: ~75.7
* Biology: ~75.0
* Music: ~74.7 (lowest average)

The data shows STEM-related subjects generally have higher performance metrics, with technical courses leading in average grades.

# 3-Learning Behavior Insights Dashboard Primary Metrics

* **Attempted Quizzes:** 18.9K total quiz attempts across the platform
* **Average Quizzes/Course:** 1.0 quiz attempted per course on average
* **Most Active Age Group:** 18 years (likely representing the "Under 18" demographic)

**Average Progress by Age Group**

Progress rates across different age demographics:

* **18-24 years:** 56.4% average course progress
* **25-34 years:** 56.1% average course progress
* **35-49 years:** 55.7% average course progress
* **Under 18 years:** 55.7% average course progress
* **50+ years:** 55.1% average course progress (lowest progression rate)

**Top Performing Categories**

Several course categories show 100% performance metrics:

* **Music:** 100.0
* **Personal Development:** 100.0
* **Photography:** 100.0
* **Office Productivity:** 85.4
* **Development:** 82.4
* **Marketing:** 76.6
* **Health & Fitness:** 71.4
* **Business:** 65.3
* **Teaching & Academics:** 65.1

**Completion Rate by Age Group**

* **25-34 years:** 32.8% completion rate
* **18-24 years:** 32.4% completion rate
* **35-49 years:** 32.2% completion rate
* **50+ years:** 31.2% completion rate
* **Under 18 years:** 31.2% completion rate

# 4- Course Engagement & Completion Dashboard

**Primary Metrics**

* **Enrolled Courses:** 9,419 total course enrollments
* **Completed Courses:** 6,376 courses fully completed
* **Dropout Rate:** 19.9% overall course abandonment rate
* **Average Rating:** 4.0 out of 5.0 average course satisfaction rating

**Top Enrollments by Course**

Popular courses on the platform:

* **How to Scan...:** 18 enrollments
* **Photoshop F...:** 18 enrollments
* **Fundamenta...:** 17 enrollments
* **Lifestyle Po...:** 17 enrollments
* **Fire Guide...:** 16 enrollments
* **Introductio...:** 16 enrollments
* **Machine de...:** 16 enrollments
* **Punch how t...:** 16 enrollments
* **Video Story...:** 16 enrollments

**Dropout Rate by Course Category**

Various dropout rates across subject areas:

* Highest dropout category: ~21.3%
* Other notable dropout rates: 20.4%, 19.9%, 19.8%, 19.5%, 19.4%
* Lowest dropout category: ~17.2%

**Average of Rating by Year**

Course rating trends over time:

* **2020:** 4.51 average rating (platform launch)
* **2021:** 3.98 average rating (significant decrease)
* **2022:** 3.98 average rating (stabilized)
* **2023:** 4.01 average rating (slight improvement)
* **2024:** 4.00 average rating (stable)
* **2025:** 4.01 average rating (projected/partial year)

# 5- Financial Overview Dashboard

**Primary Metrics**

* **Total Revenue:** $9.5M generated from the platform
* **Revenue/Student:** $137.1 average revenue per registered student
* **Wallet Balance:** $24.0M total funds in user wallets
* **Average Discount:** 46.4% average discount applied to purchases

**Revenue by Country**

* Visual global map showing revenue distribution across regions
* Similar geographic spread as seen in user demographics, with concentration in the US, Europe, and parts of Asia **Total Revenue Trends Over Time** Revenue growth pattern:
* **2020:** Low revenue (platform launch)
* **2021:** ~$18.1M revenue
* **2022-2024:** Stable revenue at ~$24.3M per year
* **2025:** ~$6.3M revenue (projected/partial year)

**Top Discounts by Course**

Varying discount rates across courses:

* **Fraud Preve...:** 77.0% discount
* **Internationa...:** 75.0% discount
* **English Wri...:** 74.1% discount
* **Complete P...:** 73.5% discount
* **.NET Core M...:** 73.4% discount
* **Portfolio for...:** 72.9% discount
* **JavaScript...:** 72.8% discount
* **Complete A...:** 72.0% discount
* **Internationa...:** 71.7% discount

# 6- Search Dashboard

**Key Interface Elements**

* **Search Bar:** "Ask a question about your data"
* **Sample Search Queries:**

o Top states by average grade o Top states by average rating o Top cities by average discount o Top country named by average rating o Top states by average age 18-24 o Show me average discount for the last month o Show me total enrollments for the last year o Top fact enrollment statuses not completed count o Show me completion rate for the last week o How many syndigrams are there