Students
Analytics

Student Profiles

Search and manage student academic information

Student Search

Search by name, ID, or email...

- EJ — Emma Johnson — S001 — Computer Science — GPA: 3.65
- MC — Michael Chen — S002 — Business — GPA: 3.42
- SW — Sarah Williams — S003 — Engineering — GPA: 3.78
- JM — James Martinez — S004 — Biology — GPA: 2.95
- OB — Olivia Brown — S005 — Psychology — GPA: 3.51

Academic History

Semester	Course	Title	Credits	Grade	GPA
Fall 2024	CS 301	Data Structures	4	A	4.0
Fall 2024	MATH 210	Calculus II	4	B+	3.3
Fall 2024	ENG 202	Technical Writing	3	A-	3.7
Spring 2024	CS 201	Programming Fundamentals	4	A	4.0
Spring 2024	MATH 110	Calculus I	4	B	3.0
Spring 2024	PHYS 101	Physics I	3	B+	3.3

Proposed Course Load - Spring 2025

Edit

Course	Title	Credits	Difficulty
CS 401	Algorithms	4	High
CS 350	Database Systems	3	Medium
MATH 310	Linear Algebra	4	Medium
ENG 301	Professional Communication	3	Low

Total Credits 14

Make Prediction

Students
Analytics

Analytics Results

Predictive analytics and performance insights for Emma Johnson

Predicted Student Cluster

High Achievers - STEM Focus

Cluster ID
Cluster 3

Similar Students
245 students

Key Characteristics:

- Strong performance in quantitative courses
- High engagement in technical electives
- Above average study time (15-20 hrs/week)
- Active participation in coding clubs

Confidence Index
Model accuracy

87%

High Confidence

Risk Assessment

Course Load	35%
Difficulty Mix	45%
Prerequisites Gap	15%
Time Management	25%

Overall Risk: Low-Moderate
Student shows strong foundation. Monitor course load balance for optimal performance.

AD
Dr. Smith
Academic Advisor

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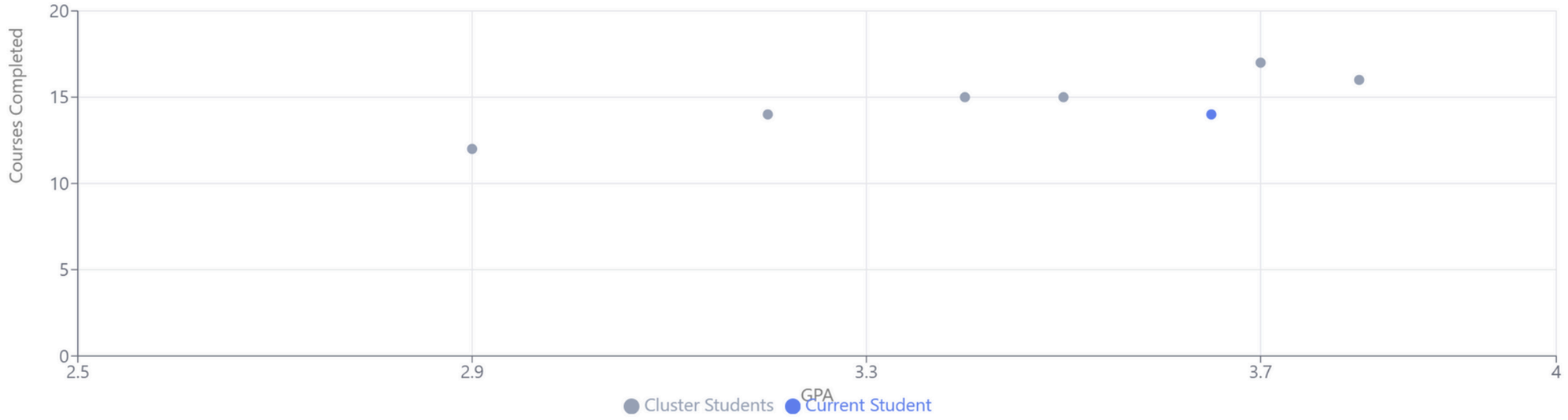
Student Position in Cluster Distribution



Data-Driven Recommendations

- **Course Load:** Current 14-credit load is optimal based on cluster data. Students with similar profiles perform best with 13-15 credits per semester.
- **Difficulty Balance:** Consider replacing one high-difficulty course with a medium-difficulty elective to reduce risk while maintaining challenge.
- **Support Services:** Schedule regular check-ins during weeks 4-6 when similar students typically experience mid-semester challenges.
- **Career Path:** 89% of students in this cluster pursue software engineering or data science roles. Consider adding CS 420 (Machine Learning) next semester.

AD
Dr. Smith
Academic Advisor