



BUSINESS INTELLIGENCE



PLANNING - CONTROLLING



DECISION MAKING



PERFORMANCE

PROFESSIONAL ACADEMIC DATA TRANSFORMATION SOLUTIONS

ELEVATING ACADEMIC EXCELLENCE THROUGH DATA INTELLIGENCE

WHAT YOU GET



AI-DRIVEN CLASSROOM PROGRESS

Real-time monitoring of lecture delivery, syllabus compliance, and masters' performance benchmarks.



PREDICTIVE ATTENDANCE OPTIMIZATION

Anomaly detection, root-cause analysis for low attendance, and early warning systems.



TALENT RECOGNITION & CAREER PATHING

Deep-tech analysis of student skill sets and predictive modeling for employability.



REVOLUTIONIZING INDUSTRY CONNECTIVITY

Digital platforms for master research and industry needs matching.



ADVANCED STUDENT ANALYTICS

360-degree student data profiles, including performance and engagement.

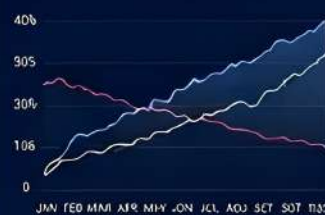


FACULTY & STAFF DASHBOARDS

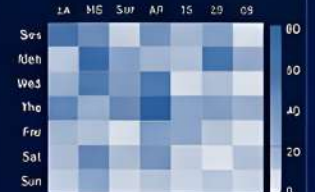
Centralized views for resource allocation and research progress.

STUDENT LIFECYCLE PANEL

STUDENT ATTRITION AND TALENT



ATTENDANCE HOTSPOTS



EMPLOYABILITY & INDUSTRY PANEL

TALENT MATCH TO INDUSTRY DEMAND



GRADUATE PLACEMENTS WITH INDUSTRY PARTNERS



GRADUATE PLACEMENTS WITH INDUSTRY PARTNERS



MASTERS PROJECT COMPLETION RATE



PARTNER WITH US



SUSTAINED PERFORMANCE



CAREER PATHING



ENHANCED REPUTATION



UNSTARGUED BENEFITS



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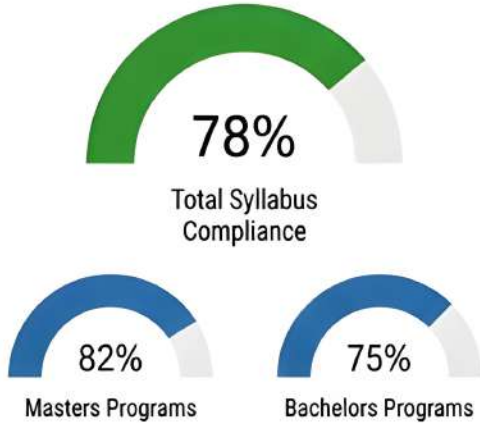
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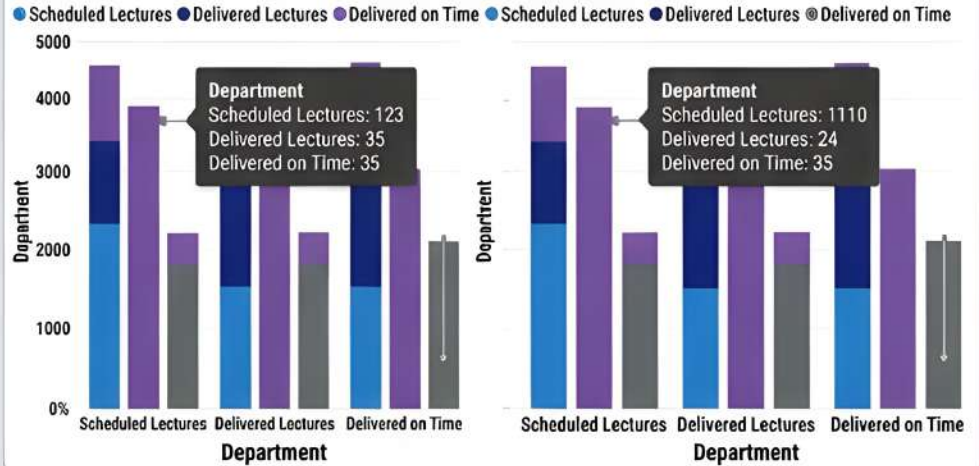
Campus Central, South Department IT, Business Current Term Fall 2024

Filter By: Campus Level Masters, Bachelors Alerts High-Risk Courses [Drill-Down Panels](#)

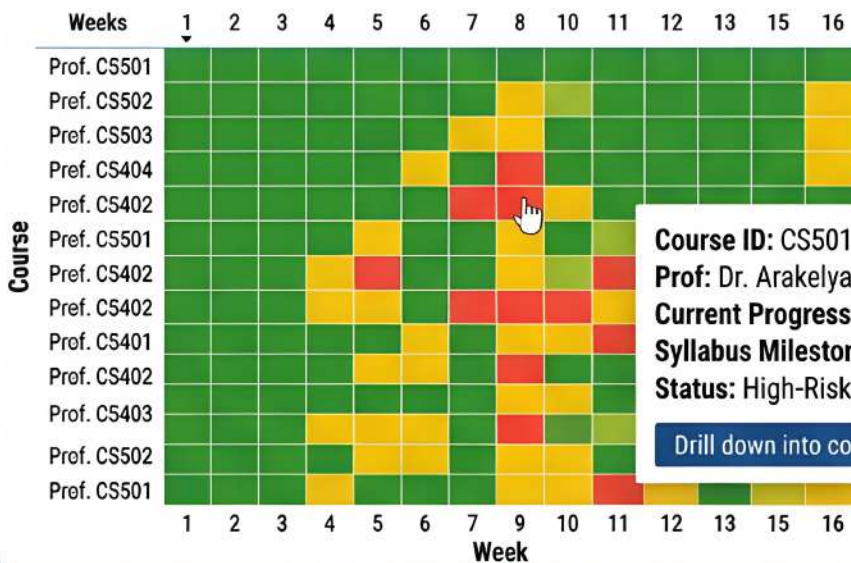
SYLLABUS COMPLIANCE TRACKING



LECTURE DELIVERY METRICS



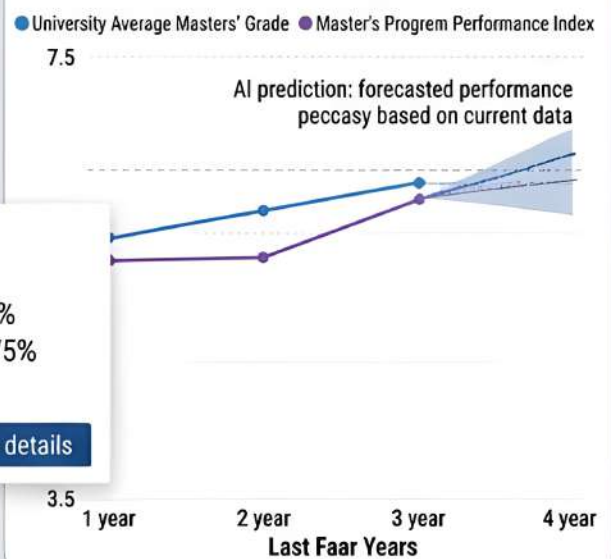
COURSE PROGRESS HEATMAP



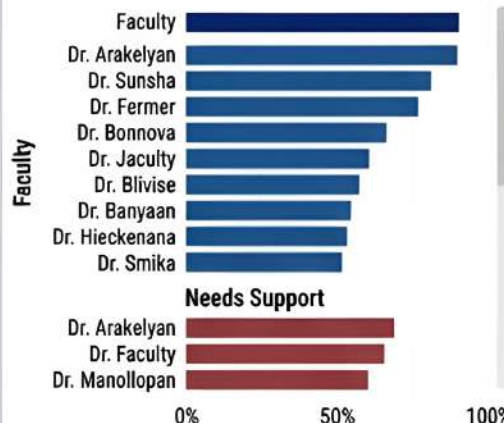
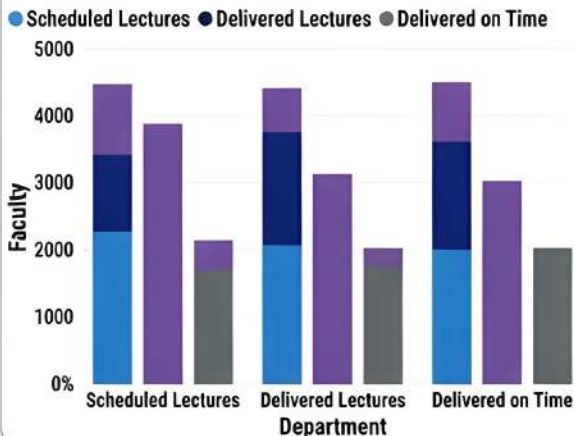
Course ID: CS501
Prof: Dr. Arakelyan
Current Progress: 64%
Syllabus Milestone: 75%
Status: High-Risk

[Drill down into course details](#)

MASTERS' PERFORMANCE BENCHMARKS



FACULTY SYLLABUS ADHERENCE LEADERBOARD



AI INSIGHTS

- AI Flag:** 14 High-Risk Master courses detected (below 70% syllabus progress). Action recommended.
- AI Predict:** Overall Master's performance likely to increase by 4% with targeted intervention.
- AI Insight:** Course 'CS402' has the lowest stylgate root causes.





SERVICE 1: AI-DRIVEN CLASSROOM & COURSE PROGRESS

CLASS & CURRICULUM PANEL

REAL-TIME COURSE PROGRESS BARS

🔍 Campus Department level

Master of Data Science (DS1)

MDS-DS101
Prof. A. Sarkisyan

🚩 FLAG

Dean's

Week 8 Progress: 40% (Flagged)

*** ALERT:** DS101 is 2 weeks behind syllabus schedule.
Recommended Action: Syllabus review with Prof. A. Sarkisyan.
Check student support.

Master of Computer Science

MDS-CS202
Prof. A. Sarkisyan

Syllabus Compliance

DS101: 85% Compliance

Master of Computer Science

MDS-CS202
Prof. A. Sarkisyan

Syllabus Compliance

CS202: 98% Compliance

Master of Computer Science

MDS-CS201
Prof. A. Sarkisyan

Syllabus Compliance

CS201: 95% Compliance

Master of Computer Science

MDS-CS202
Prof. B. Sarkisyan

Syllabus Compliance

CS202: 98% Compliance

Master of Data Science (DS1)

MDS-DS101
Prof. A. Sarkisyan

Syllabus Compliance

DS101: 85% Compliance

Master of Data Science

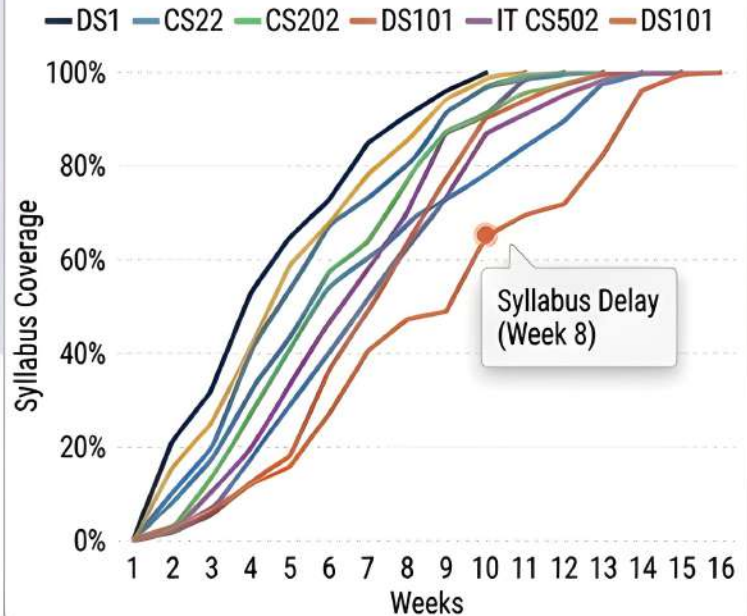
MDS-DS202
Prof. A. Sarkisyan

Syllabus Compliance

CS202: 98% Compliance

SYLLABUS DELIVERY TIMELINES

Syllabus COVERAGE



RECENT ALERTS & REMEDIATION EFFICIENCY

Recent Alerts	Type	Affected Courses	Date	Dean who took Action	Remediation Outcome
Master of DST01	Syllabus Delay	Masters DS101	11/09/2024	Dean	Rescheduled
Master of DS102	Syllabus Delay	CS201	27/03/2024	Dean	Resource Allocated
DS101	Syllabus	CS202	27/03/2024	Dean	Rescheduled

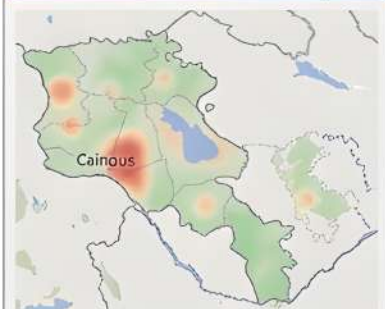
Predicted Progress vs. Actual



FACULTY & MASTERS' PERFORMANCE BENCHMARKS

Master Name	# of Courses	Avg. Syllabus Compliance	Avg. On-Time Delivery	Student Feedback (Score 1-5)	Publications/ Grants linked
Master of Data Science	10	99%	5.75	5.00	3
Master of Computer Science	7	90%	6.00	5.00	1
Master of Computer Science	6	99%	5.70	5.00	4
Master of Data Sales	5	93%	5.20	5.00	2
Master of Data Science	3	98%	4.85	4.00	3
Master of Data Science	2	92%	5.30	4.00	2
Master of Data Science	2	93%	4.70	3.00	2

Intervention Heatmap





Campus

Central, South

Department

IT, Business

Current Term

Fall 2024

Alert Type

High-Risk Drops

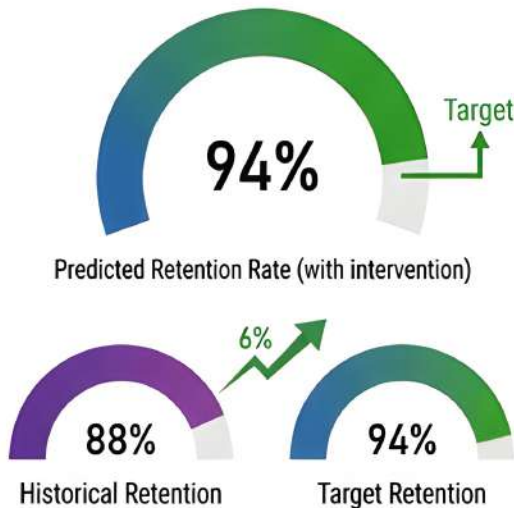
Level

Masters, Bachelors

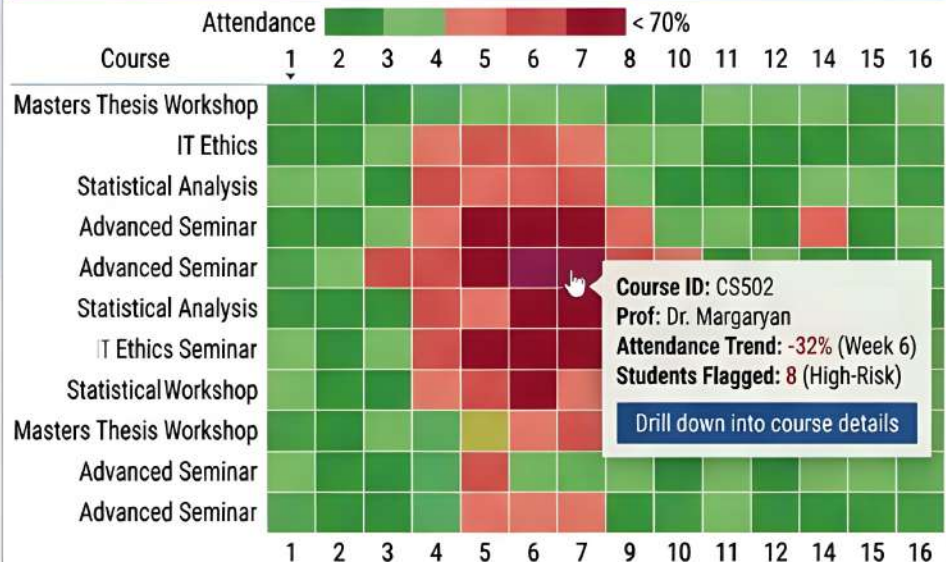
Drill-Down Panels

PREDICTED RETENTION RATE GAUGES

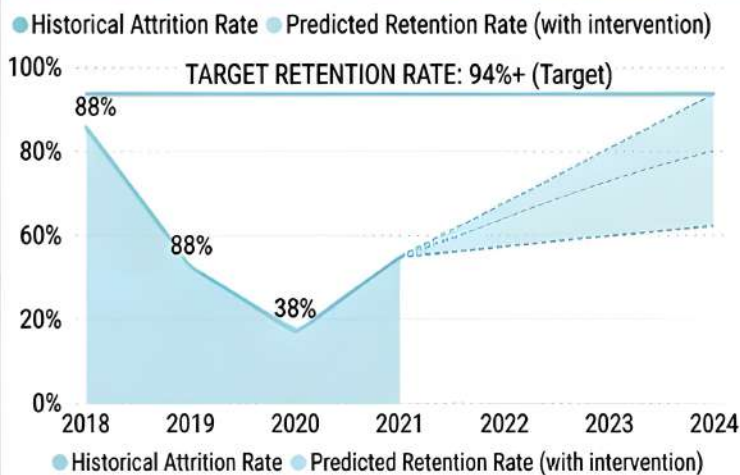
Predicted Retention Rate (with Intervention)



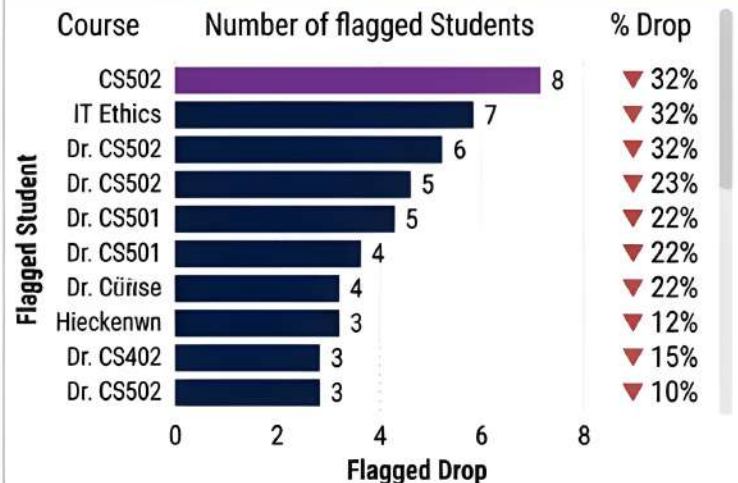
ATTENDANCE HOTSPOT HEATMAP



STUDENT ATTRITION AND RETENTION GRAPH (AI PREDICTIVE MODEL)

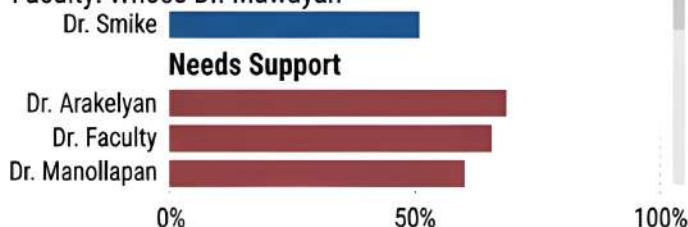


ANOMALY DETECTION & ALERT LEADERBOARD



NEEDS SUPPORT

- Faculty: Masters Thesis Workshop
- Faculty: Mineşe T. CS502
- Faculty: Statistical Analysis
- Faculty: Jeam CS502
- Faculty: Whose Dr. Mawayan



AI INSIGHTS

- AI Flags:** 14 High-Risk Master grevenned across 2 groups detected across (70% syllabus progress). Check-in attended. Action recommended.
- AI Predict:** At-risk. overall Master's increase by 8% performance aness by 9% without prioventity; priority targeted charts for CS502.
- AI Insight:** Course: 'CS402' has lower Tuesday lecture in South campuses and low attendance identified.





UNIVERSITY TALENT MATCH & CAREER PATHING

Campus

Central, South

Department

IT, Engineering

Current Term

Fall 2024

Academic Level

Masters, Bachelors

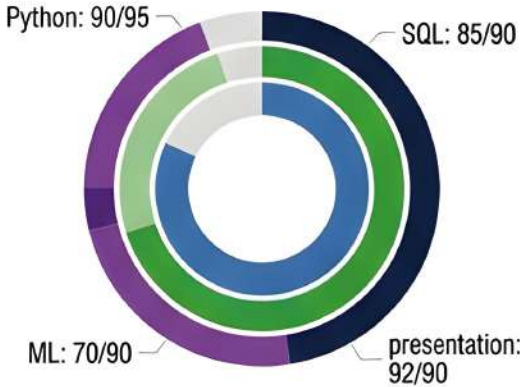
Level

Masters, Bachelors

Drill-Down Panels

STUDENT SKILL GAP ANALYSIS

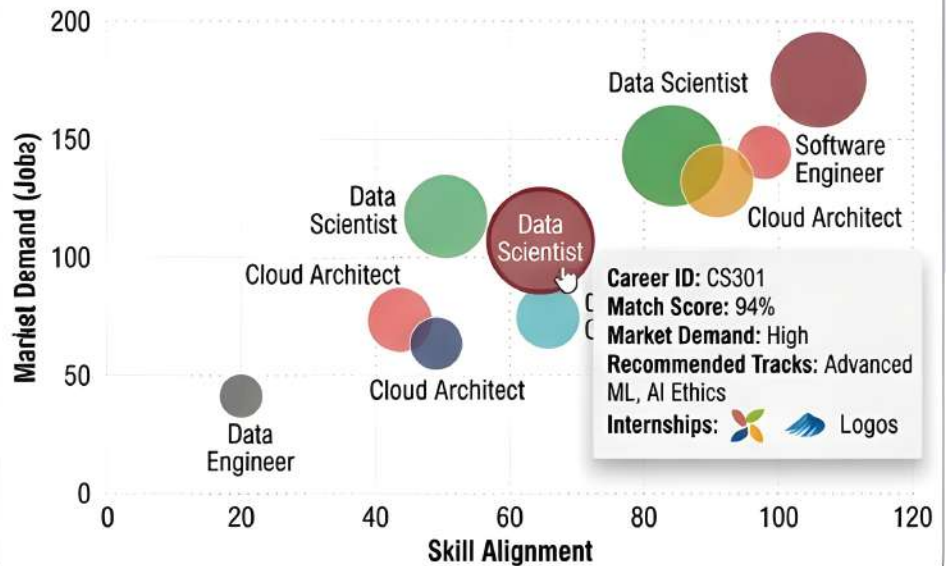
Student's Current Skills vs. Target Career Path



Key Strengths Identified

Top 3 Skills: Python 91; ML: 70/90; presentation: 92/90

CAREER MATCH & MARKET DEMAND



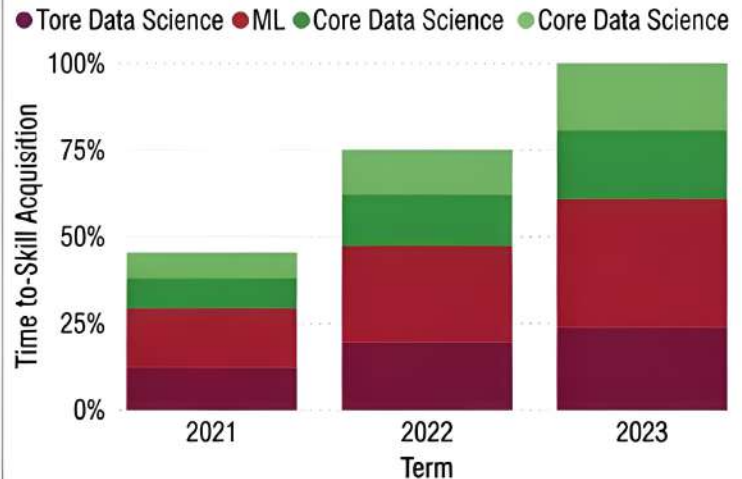
STUDENT LIFECYCLE PROFILE INSIGHTS

- Project Focus:** Data Pipelines (95% score)
- Elective Choices:** Advanced Analytics (100% attendance)
- Performance:** Top 5% in AI

PREDICTED TALENT PATHWAY

DATA SCIENCE

SKILL ACQUISITION TRAJECTORY



INTERSHIP & ADVANCED TRACK RECOMMENDATIONS

Course	Student Suitability
Company X Data Analyst	92%
Advanced AI Track	96%
Tech Co Software Eng	85%
Tech Co Software Eng	85%
Tech Co Software Eng	77%
Tech Co Software Eng	77%
Total	85%

AI TALENT INSIGHTS & ACTIONS

- TALENT ALERT:** Student shows exceptional performance in Data Analysis and ML (Top 5% talent found).
- CAREER RECOMMENDATION:** Data Scientist path (94% match).
- ACTION RECOMMENDED:** Recommend for Company X Data Science Internship and prioritize enrollment in Advanced AI courses.
- INSIGHT:** Focus on enhancing Cloud Computing skills for 100% match.



Research Sector

Tech
FinTech
Renewables
Manufacturing

Industry Need Type

Operational Efficiency
Market Analysis
Tech Stack Upgrade

Student Specialization

DS
AI
Full-Stack
Business

Term

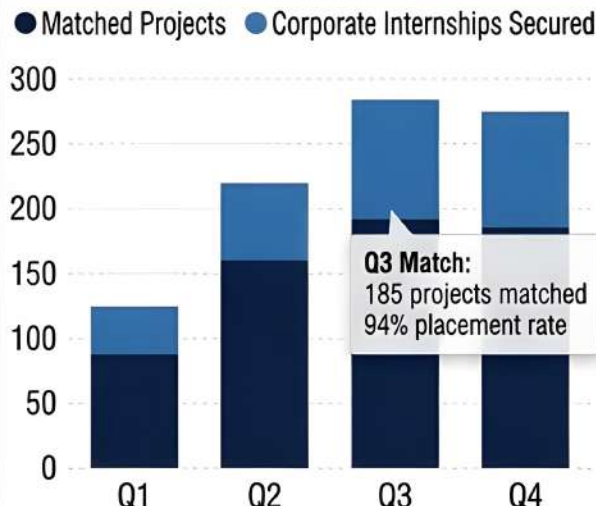
Fall 2024

Connect

TALENT MATCH MATRIX

Industry Project Needs	Student Core Skills			
	Python	ML	SQL	UI/UX
	Cloud Migration 3 Matches	3 Matches	Medium	Drill-Down to Project Details
	Supply Chain Optimization High	Medium	High	3 Matches
	Market Sentiment Analysis Medium	3 Matches	Medium	Low

LIVE PLACEMENT STATISTICS

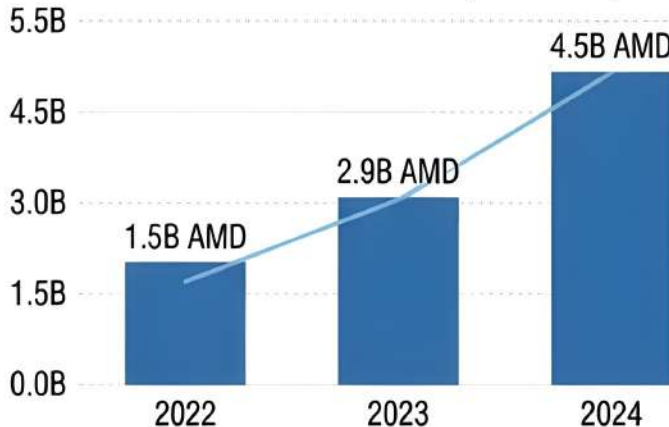


INDUSTRY NEEDS INTAKE

Industry Sector	Project Type			
	Efficiency	Innovation	Analytics	Sustainability
Retail	High	Medium	High	Medium
Telecom	Medium	High	Medium	High
Finance	High	Medium	High	Medium
Logistics	Medium	High	Medium	High

ECONOMIC IMPACT TRACKER

Economic Value Delivered (EST. AMD)



AI MATCHING INSIGHTS

- AI Flag:** 35 High-Value operational efficiency projects detected in Armenian logistics. Cross-check with 'Logistics' students.
- AI Match:** 12 Master's theses matched this week in FinTech, projected commercial potential: High.
- New Feature:** Industry Challenge submission form successfully implemented.



5.7M
NeedGrowth



200+
Success Stories



120+
Real-World
Challenges Solved



85%
Theses with
Commercial Potential



FACULTY & STAFF MANAGEMENT DASHBOARDS

CENTRALIZED EXECUTIVE VIEWS FOR UNIVERSITY RESOURCE ALLOCATION, WORKLOADS, AND RESEARCH TRACKING.

FACULTY WORKLOAD HUB (ACTIVE HOURS)

Active Teaching Hours



Active Teaching Hours

255

Total Research Hours

130

Administrative Duty Hours

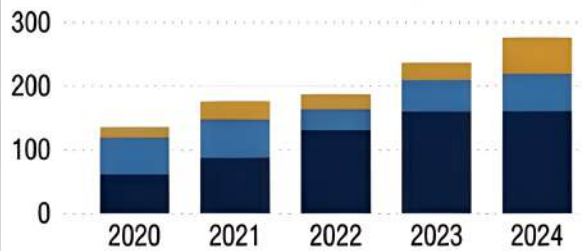
Top Overloaded Professors

Professor Current Workload %



RESEARCH PROGRESS TRACKER

● Number of Ongoing Grant Projects ● Total Grant Value



● University-Funded ● External-Funded

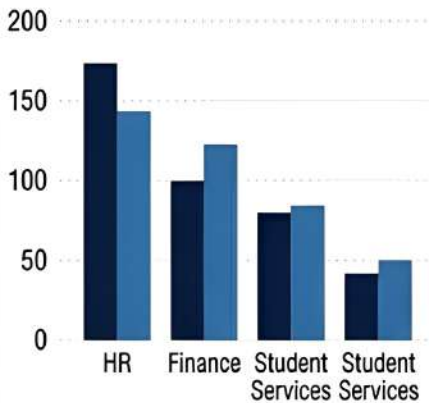
Publications Indexed

Patent Applications

Conferences Attended

ADMINISTRATIVE STAFF EFFICIENCY

● Tasks Assigned ● Tasks Completed



Highest Performing Staff Members

Members	Efficiency
HR	10.0
Finance	9.8
Student Services	8.3
Student Services	8.4
Dr. Zakaryan	7.3
Dr. Zakaryan	7.3
H. Margaryan	7.5
Business	6.8

UNIVERSITY RESOURCE ALLOCATION & CAPACITY



Classroom Utilization



KEY MANAGEMENT INSIGHTS



OVERLOAD ALERT: Professor H. Margaryan is 115% teaching capacity. (Reassign 2 classes).



GRANT POTENTIAL: Dr. S. Zakaryan has high matching potential for 'AI in Tech' grant. (Dedicate time).



EFFICIENCY TREND: Finance department tasks are 15% delayed this term. (Analyze workflow).



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WHAT YOU GET



AI-DRIVEN CLASSROOM PROCESS

Real-time monitoring of lecture delivery, syllabus compliance and masters's warnings benchmarks.



TALENT RECOGNITION &

Deep-tech analytics of student skill sets and predictive modeling for employability.



ADVANCED STUDENT ANALYTICS

360-degree student data profiles, including performance and engagement.



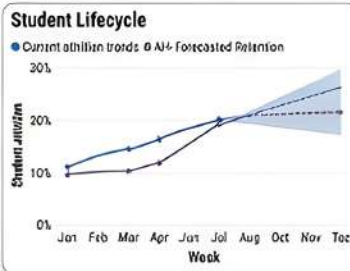
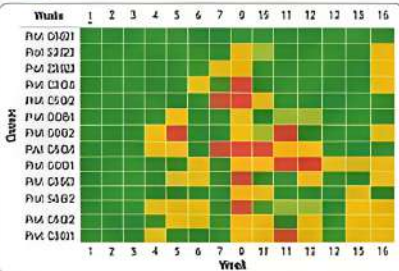
FACULTY & STAFF DASHBOARDS

Centralized flows for resource allocation and progress.

CORE SOLUTION VECTORS



PREDICTIVE ATTENDANCE & ATTRITION FORECASTING (Attendance Hotspots & Student Lifecycle Panel)



TALENT RECOGNITION & PERSONALIZED CAREER PATHING

Talent Matrix



Sample student

Prof. Dr. Arshakyan
Prof. Dr. Arshakyan
Tolstoy, Ilia
Pavlov, Maria

Top talent areas

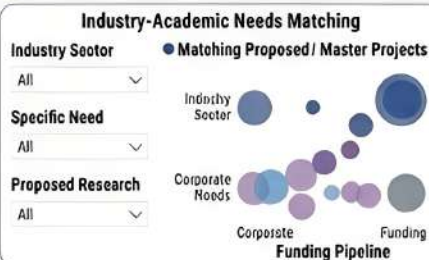
- Academic grades
- Masters project
- Executive performance
- Masters project
- Executive performance

Suggested paths

- Suggested paths
- Suggested career path
- Comprehensive education
- Public services



INDUSTRY-RELEVANT MASTERS PROJECTS & FUNDING MATCHING



Masters Project Completion Rate



INTEGRATED PARTNER DASHBOARDS

Pool of Available Student Talent

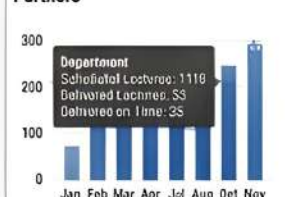
76

Pool of available student talent

Relevant Masters Research



Graduate Placements with Industry Partners



CLASS & CURRICULUM PANEL



PREDICTED RETENTION



FACULTY WORKLOAD

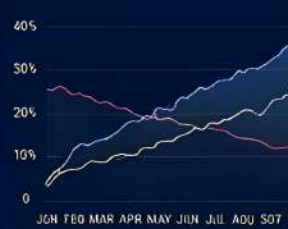


ON-TIME SYLLABUS DELIVERY

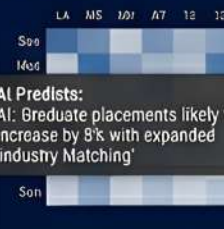


STUDENT LIFECYCLE PANEL

STUDENT ATTRITION AND TALENT



ATTENDANCE HOTSPOTS



EMPLOYABILITY & INDUSTRY PANEL

TALENT MATCH TO MARKET DEMAND



GRADUATE PLACEMENTS WITH INDUSTRY PARTNERS



GRADUATE PLACEMENTS WITH INDUSTRY PARTNERS



MASTERS PROJECT COMPLETION RATE



ELEVATE INSTITUTIONAL PRESTIGE & INDUSTRY CONNECTIVITY



Faculty

Central, South

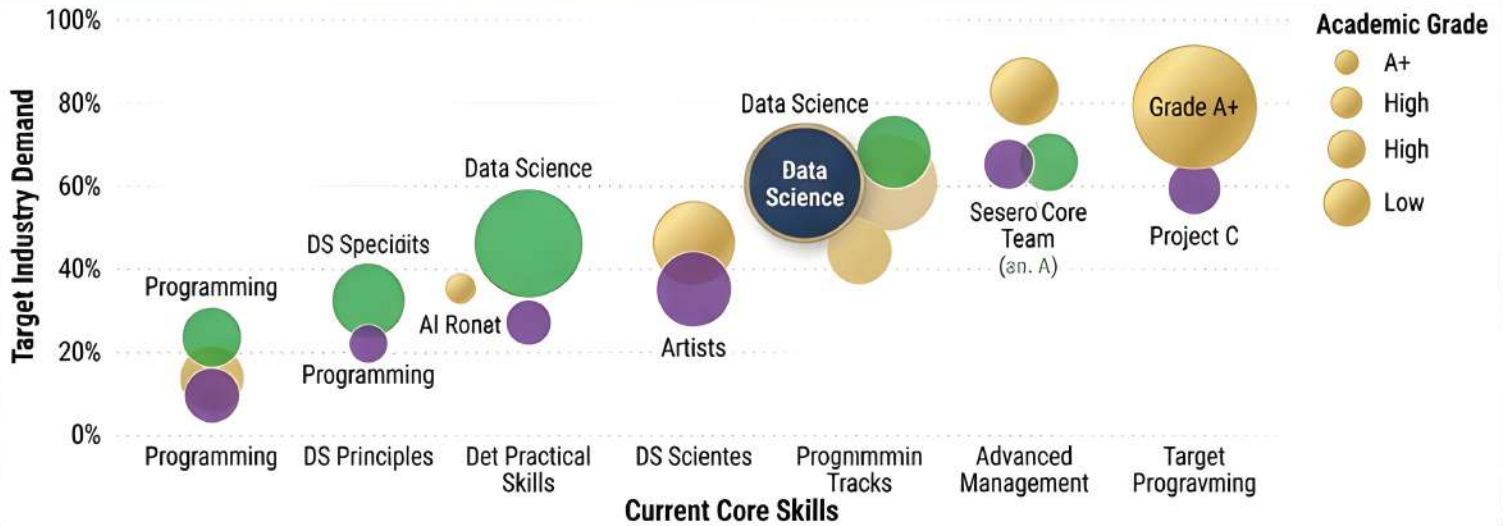
Department

IT, Business

Current Term

Fall 2024

STUDENT SKILL MATCHING MATRIX



AI Insights:

Required rats retentionied (with intervention)



Identified as Top 5% in AI

Projecte Industry data intelligence

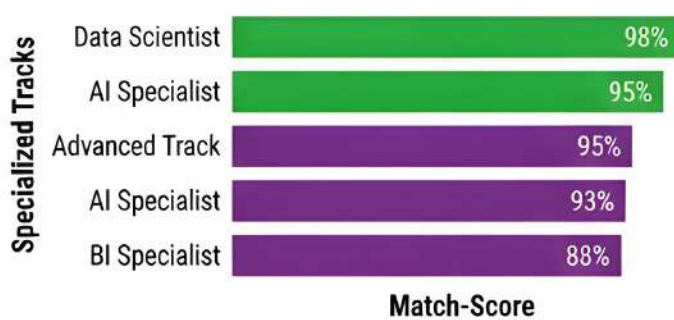


Talent Flag:

Talent flags somnaged to thel student acquisition or sillimgiant.

TOP TALENT MATCHES

Top 5 match-score results for acrot the student

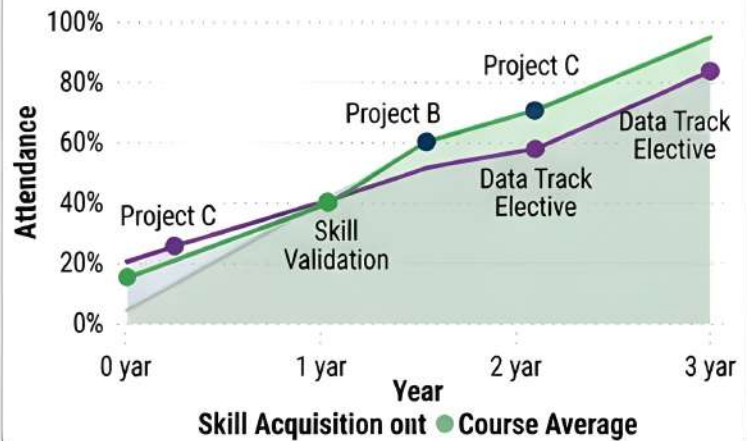


Talent Flag:

Perognized as the Hane 5 peronality, and sana warg thg skill-summarizrs.

TALENT ATTENDANCE & SKILL GAPS

Student attendance agirst key skill acquisition milestones



PREDICTIVE INTERNSHIP RECOMMENDATIONS

Company and track	Suitability Score	Status
Advanced Data Track	95%	
Corporate AI Internship	70%	
Corporate AI Internship	75%	
Corporate AI Internship	78%	
Corporate AI Internship	70%	

LIFECYCLE PROFILE INSIGHTS

- Elective Choice in Advanced Stats (Grade A+)
- Recognized as Top 5% in Addvanded Stats (Grade A+)
- Recognized as Top 5% in AI Project (Team Lead)
- Identified Top-tier Skills Cornertes Team (+)
- Recognized as Top 5% in AI Project (Team Lead)

