Predictive Insights™ Data Analytics from Tutor.com

Spot struggling students sooner.
Support them better.

It is no secret that many students are going to college unprepared for college-level coursework. Some lack the prerequisite knowledge they need to succeed. Others are non-traditional students returning after a long break from their formal education. Unfortunately, these at-risk students can fly under the radar until it's too late.

OUR SOLUTION

Tutor.com's Predictive Insights Data Analysis™ provides early, actionable data to accelerate the intervention timeline. Over the course of each personalized tutoring session, our expert tutors determine if a student lacks prerequisite knowledge or struggles to master key content. With the help of Predictive Insights, you'll be able to identify these students too—instantly. We also derive insights from additional data points like frequency of use and length of tutoring session. This actionable data empowers institutions to intervene at the right time, thus improving student success and persistence.

HOW WE DO IT

Real-time Early Alerts

Set up customized alerts for the course persistence risk factors that matter to you most. When your students are flagged for Early Alerts, you can choose to receive notifications on your smartphone, allowing you to forward alerts to counselors and success coaches for immediate follow-up, or you can keep individual faculty members in the loop with customized course-level Early Alert subscriptions. Recipients can subscribe to Early Alerts by specific subject area, by student location, by course ID or for all students.
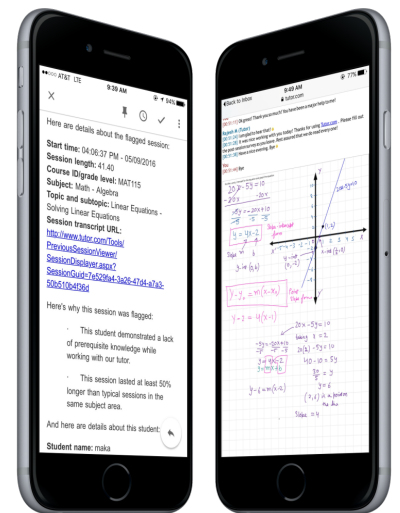
Early Alerts for key risk factors

PREREQUISITE KNOWLEDGE
For students who lack critical foundational knowledge

CONTENT MASTERY
For students who struggle to master key content

UNUSUALLY LONG SESSION
For sessions at least 50% longer than average for the same subject

FREQUENT SUBJECT REQUEST
For students who request help again and again in the same subject

Customizable subscriptions

Institutional Research

University Leadership

Faculty

tutor.com

Advising/ Counseling

Project Manager

Real-time notifications

On-demand Reports

Track Early Alerts, review and replay individual tutoring sessions and analyze the specific topics and subtopics where students request help through a suite of powerful on-demand reports. With total transparency and customizable report access for everyone from instructors to institutional research, it's easy to put actionable data in the right hands to support student success.

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Tutor.com Predictive Insights™ Data Analytics

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Putting Your Data to Work

With Predictive Insights, you're able to distinguish which students may benefit from more support. Detailed, individualized data helps institutions accelerate the intervention timeline for these students, so they can get the support they need.

Username	Date	Time	Session Length	Subject	Course ID	Early Alerts			
						Prerequisite Knowledge	Content Mastery	Frequent Subject Request	Unusually Long Session
Student A	4/13/2016	6:07 PM	25.12	MATH 115	MATH 115A				
Student B	4/17/2016	1:28 AM	35.27	MATH 115	MATH 115B		✔		
Student B	4/17/2016	9:04 PM	40.22	COMP 201	COMP 201B				
Student A	4/19/2016	2:19 AM	29.52	STAT 135	STAT 135A				✔
Student C	4/15/2016	11:33 PM	54.52	CHEM 110	CHEM 110C				

Predictive Insights also allows you to see the specific topics students are asking about within a subject. The graph below is for a College Algebra course. Faculty and administrators can quickly determine where students are struggling across an entire class.

Horizontal bar chart, x-axis "Percent of Student Requests" from 0% to 25%:

- Multiply, Divide, Factor Expressions — ~23%
- Variables and Expressions — ~17%
- Writing Graphing Linear Expressions — ~9%
- Add, Subtract Expressions — ~8%
- Systems of Equations and Inequalities — ~7%
- Ratios, Proportions, Percents and Rates — ~5%
- Solving Linear Inequalities — ~4.5%
- Radical Expressions, Equations and Rational — ~4.5%
- Exponents and Roots — ~4%
- Graphing and Properties of Quadratic Equations — ~4%
- Patterns — ~3.5%
- Number Theory Concepts — ~3%
- Solving Problems with Functions — ~2.5%
- Relations and Functions — ~2%
- Data Displays — ~1.5%
- Solving Problems with Exponential and Logarithmic — ~1%