

Canvas Analytics Features and DFWI Intervention Strategies

The table below provides a comprehensive overview of the various factors that contribute to high DFWI rates and how specific Canvas Analytics features can be used to address each of these factors. The table is organized by category, including academic, institutional, student, psychological, social, and external factors. Each row in the table identifies a specific DFWI factor, the corresponding Canvas Analytics feature that can be used to gain insight into that factor, an explanation of how Canvas helps to address the issue, and suggested intervention strategies.

Category	DFWI Factors	Canvas Analytics Feature	How Canvas Helps Address the Issue	Intervention Strategies
Academic	Unpreparedness for College-level Work	Use individual student analytics	Identify students who may be struggling early in the course and provide targeted support.	Offer personalized tutoring sessions
Academic	Course Difficulty and Design	Analyze course averages against assignment performance	Identify areas of the course that may need refinement or restructuring.	Adjust coursework to align with student outcomes
Academic	Assessment Methods	View average course grade analytics	Evaluate the effectiveness of assessments and make necessary revisions to ensure fairness and clarity.	Review assessments for fairness and clarity
Academic	Feedback and Support	Send messages to students using analytics insights	Craft targeted messages to students using analytics insights to provide personalized feedback and support and encourage the use of peer mentoring.	Tailor feedback and offer peer mentoring
Institutional	Academic Support Services	View and download reports	View and download reports to identify students who may benefit from academic support services, such as tutoring or study groups.	Connect students to tutoring or study groups
Institutional	Advising and Course Scheduling	View the Online Attendance report	Gain insights into student engagement and inform advising and course scheduling strategies.	Use data to advise on course load and scheduling

Institutional	Class Size	Compare weekly online activity	Assess engagement levels and adjust course activities as needed.	Analyze engagement to adjust class size
Institutional	Technology and Resource Access	View weekly online activity analytics	Identify patterns in students' access.	Address technology needs for equitable access
Student	Engagement and Motivation	Send messages to all students based on specific criteria	Promote engagement and motivation and encourage the use of peer mentoring.	Encourage peer mentoring for motivation
Student	Time Management and Study Skills	View analytics for weekly online activity	Gain insights into student time management and study skills and offer workshops or resources on effective study strategies.	Offer workshops on effective study strategies
Psychological	Anxiety and Stress	Send messages based on course participation	Offer support and resources for managing anxiety and stress, especially for students who show signs of disengagement.	Provide stress management resources
Psychological	Fixed Mindset	View average grade analytics	Identify students who may benefit from interventions that promote resilience, persistence, and a growth mindset, such as peer mentoring.	Implement peer mentoring to foster growth mindset
Social	Sense of Belonging	Compare participation analytics	Identify students who may need additional support to feel a sense of belonging in the course, and create opportunities for community-building, such as group projects.	Create group projects to enhance community
External	Digital Divide	View device usage and online activity patterns	Identify students who may be affected by the digital divide and implement programs to provide access to necessary technology and internet resources.	When available, refer students to loaner programs for Internet and device access.