

## Feature Definitions, Meaning, Scale & Range

Column Name	Description	Scale / Range
<b>student_id</b>	Unique identifier for each student	Categorical (S001–S050)
<b>age</b>	Age of the student	18–25
<b>program</b>	Academic program enrolled	Categorical (B.Tech, B.Sc, MBA, etc.)
<b>semester</b>	Current semester of study	1–8
<b>gpa</b>	Academic performance score	0–10
<b>attendance</b>	Percentage of classes attended	0–100
<b>assignments_completion</b>	Percentage of assignments submitted	0–100
<b>stress_level</b>	Self-reported academic stress	1 (Low) – 10 (High)
<b>sleep_hours</b>	Average hours of sleep per day	0–10
<b>mental_wellbeing</b>	Overall mental and emotional wellbeing	1–10
<b>productivity_score</b>	Time management and productivity level	1–10
<b>distractions</b>	Level of distractions affecting focus	1–10
<b>career_clarity</b>	Clarity about future career goals	1–10
<b>skill_readiness</b>	Readiness for industry-level skills	1–10
<b>engagement_score</b>	Engagement with LMS, activities, mentoring	0–100