

Table: List of dataset dimensions

Dimension	Brief Description	Range of Values
session	Represents the session number	2 - 6
student_Id	Student identification number	1-115
exercise	Exercise number in a specific session. Each session contains 4-6 exercises.	1-6 (i.e., Es_session number_exercise number)
activity	Type of activity, from a total of 15 categories	e.g., Diagram or Deeds. Format: Es#Activity
start_time	Start date and time of an activity in a particular format.	dd.mm.yyyy hh:mm:ss (e.g. 2.10.2020 and 10:27:39)
end_time	End date and time of an activity in a particular format.	dd.mm.yyyy, hh:mm:ss (e.g. 2.10.2020 and 11:20:30)
idle_time	Idle time during the period of an activity (i.e., start of the activity and end of activity).	0 – 1722305428 in milliseconds
mouse_wheel	Count of the mouse wheel during a specific activity.	0 – 1111
mouse_wheel_click	Count of mouse wheel clicks in a specific activity.	0 – 60
mouse_click_left	Count of mouse left clicks in a specific activity.	0 – 338

mouse_click_right	Count of mouse right clicks in a specific activity.	0 – 48
keystroke	Total number of keystrokes in a specific activity.	0 – 2307
mouse_movement	Distance covered by the mouse movements in a specific activity.	0 – 32484
final_result	Final grades obtained by the student	0 – 100