

Description of the data set attributes:

**Row**

Identifier of the data set entry

**Anon Student Id**

Identifier of the student (in the raw version, the data set is ordered by students)

**Problem Hierarchy**

Category that the problem belongs to

**Problem Name**

Name of the current problem

**Problem View**

The number of times that the student has seen the problem (1 => first time)

**Step Name**

Name of the current step (each step is problem specific, so that a step does not appear in more than one problem)

**Step Start Time**

Time when the step is started can be null for reasons

**First Transaction Time**

Time when the first transaction towards the step was taken

**Correct Transaction Time**

If there was one, this is the time when the correct step towards the problem was taken

**Step End Time**

Time of the last transaction towards the step

**Step Duration (sec)**

Sum of the transaction times for the step

**Correct Step Duration (sec)**

Step duration if the first step was correct

**Error Step Duration (sec)**

Step duration if the step was incorrect

**Correct First Attempt**

1 or 0, depending on whether the step was correct

**Incorrects**

Total number of incorrect attempts on a step

**Hints**

Total number of hint requests

**Corrects**

Total number of correct attempts (only relevant if step was encountered more than once)

**KC(SubSkills)**

The knowledge components that are identified for the current problem when using the knowledge component model specified in the brackets

**Opportunity(SubSkills)**

The number of times the current knowledge component was encountered