**My new topic**: How teacher’s teaching skills affect student’s confidence in mathematics.

Inputs: Find the relationship between different teaching skills and student’s confidence in mathematics

Activities: Assessments

Outputs: Students’ confidence based on using different teaching skills

Outcomes: Use the results to help students to increase confidence in mathematics

**Data description**

STIDSTD: Student ID

ST37Q01: If student feel confident in Using a Train Timetable

ST37Q02: If student feel confident in Calculating TV Discount

ST37Q03: If student feel confident in Calculating Square Feet of Tiles

ST37Q04: If student feel confident in Understanding Graphs in Newspapers

ST37Q05: If student feel confident in Solving Equation 1

ST37Q06: If student feel confident in Distance to Scale

ST37Q07: If student feel confident in Solving Equation 2

ST37Q08: If student feel confident in Calculate Petrol Consumption Rate

ST79Q01: Sets Clear Goals

ST79Q02: Encourages Thinking and Reasoning

ST79Q03: Differentiates Between Students When Giving Tasks

ST79Q04: Assigns Complex Projects

ST79Q05: Gives Feedback

ST79Q06: Checks Understanding

ST79Q07: Has Students Work in Small Groups

ST79Q08: Summarizes Previous Lessons

ST79Q10: Plans Classroom Activities

ST79Q11: Gives Feedback on Strengths and Weaknesses

ST79Q12: Informs about Expectations

ST79Q15: Informs about Learning Goals

ST79Q17: Tells How to Get Better

There are some problems I need to solve next step:

1. Combine 8 variables about confidence as one.

2. Cleaning the missing data.