Problem Statement:

**Predictive Student Analysis**

**This might include an in depth look at the psychometric and performance analysis of the students through online system that analyses the students’ data to identify students on the verge of dropping out of college and allowing college to take corrective measures to ensure students remain in college. All the students and teachers teaching the students would be required to fill online questionnaire at regular intervals (after every three months/twice in a semester) The analysis would also incorporate Teacher’s Feedback regarding individual student for complete profiling and based on the class/academic performance would predict what grade students will receive. The analysis would also match students with courses and specialisations they are most likely to do well in Post- Graduation.**

**Problem Breakdown:**

1. **Grade Prediction and Performance Analysis**
2. **Identification of students on the verge of dropping out**
3. **Recommendations about courses and career**

Problem we faced.

1. What methodology to opt?
2. What type of data to be collected?
3. How the data to be collected?
4. How did you choose your question? What is validity and source used for designing the questionnaire?
5. Why to include logical reasoning test?