**Context:**

ASER (Annual Status of Education Report) 2018 is a nation-wide household survey that provides a snapshot of children’s school enrollment and level of learning for a representative sample of children (age group 3 to 16) in rural India. Children in the age group 5 to 16 are assessed one-on-one to understand their basic reading and arithmetic abilities. ASER continues to be the only national source of information about children’s foundational skills across the country. A total of 546,527 children in the age group 3 to 16 years were surveyed by ASER in the year 2018.

You may visit the following website to have a better understanding of ASER: <http://www.asercentre.org/Keywords/p/346.html>

**Objective:**

The summarized datasets from ASER’s 2018 report have been provided to you in two csv files. These files contain the information about the enrollment, reading level and arithmetic level data for various states in the year 2018. Although ASER does not analyse the causes of poor or improved learning levels, it is but natural to correlate changes with probable causes. From the datasets provided, you may observe that the enrolment percentage in Government Schools is quite low in many states. The Out of School percentage needs to be reduced significantly – ideally this should be 0.

School enrolment and learning outcome are said to depend on many factors, including school facilities, teacher availability and other indicators. The following files are included:

* Putative set of indicators are provided in **ASER-PERFORMANCE INDICATORS**.
* School enrolment data, by gender, age and class, is included in **ASER ENROLLMENT DATA**,
* Reading level data, by type of school, gender, age and class, in included in **ASER READING DATA**
* Arithmetic level data, by type of school, gender, age and class, in included in **ASER ARITHMETIC DATA**

Overall objectives for this project may be multiple.

1. Not all states are at the same level of performance in school education. Finding similarity among the states and putting them in similar groups for targeted intervention
2. Ranking the states according to their performance
3. Relating targets (enrolment, reading level, arithmetic level) to independent variables

Each team may choose one or more of the stated objectives, or may decide on other objectives, with Program Director’s approval.

**Data Dictionary: Provided separately**