1. Multiple Regressions: Predicting academic performance of an elementary school using attributes like class size, enrollment, poverty, parent education, student performance, teachers credentials from 400 elementary schools from the California Department of Education's API 2000 dataset.

-----Alphabetic List of Variables and Attributes-----

# Variable Type Len Pos Label

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11 acs\_46 Num 3 39 avg class size 4-6

10 acs\_k3 Num 3 36 avg class size k-3

3 api00 Num 4 12 Academic Performance Ind 2000

4 api99 Num 4 16 Academic Performance Ind 1999

17 avg\_ed Num 8 57 average parent education

15 col\_grad Num 3 51 parent college grad

2 dnum Num 4 8 district number

7 ell Num 3 27 english language learners

19 emer Num 3 73 pct emergency credential

20 enroll Num 4 76 number of students

18 full Num 8 65 pct full credential

16 grad\_sch Num 3 54 parent grad school

5 growth Num 4 20 growth 1999 to 2000

13 hsg Num 3 45 parent high school graduate

21 mealcat Num 3 80 Percentage free meals in 3

categories

6 meals Num 3 24 pct free meals

9 mobility Num 3 33 pct 1st year in school

12 not\_hsg Num 3 42 parent not high school graduate

1 snum Num 8 0 school number

14 some\_col Num 3 48 parent some college

8 yr\_rnd Num 3 30 year round school