

## Suggested Graduate School Modeling Variables

Here is a list of suggested variables to consider using when building a model for predicting graduate school outcomes.

### Applicant Enrollment Probability

- App ID
- Entry term (make sure you mark this variable as 'exclude' from model)
- Undergrad GPA
- Undergrad Percentile
- Undergrad Degree
- Distinction Flags (Magna Cum Laude, Cum Laude, etc.)
- Undergrad School
- Undergrad Major
- Undergrad Degree Type
- Undergrad School Size
- Undergrad School Type
- Undergrad at Same School
- Flag
- Gap Year Flag
- GRE Scores
- Flags for Other Degrees (Bachelors, Masters, etc.)
- First Choice on FAFSA
- Gender
- # of applicants from applicant's Undergrad School
- # of applicants from applicant's County (County code can be used to create this)
- # of days between application date and semester start date (application date can be used to get this)
- Age (from Birth date)
- Home state
- Distance from school
- Accepted Flag (0/1 telling us if the applicant was accepted or not. Usually this can be derived from prospect status)
- Source (where did you get the initial inquiry)
- Legacy student flag
- Visited campus flag
- Expected Financial Contribution
- Financial Aid information
- Scholarship amount offered
- Enrollment Flag (1=Enrolled, 0=Not Enrolled)

**Retention Analysis (in addition to information already listed above)**

- Previous semester Term GPA (if predicting for current students)
- Student Residential Status (living on campus, off campus, commuter)
- Major
- Involved in campus activities, campus life
- Student employed or not
- Receiving financial aid
- Attrition Flag (1=Attrition, 0=Retention)