Questions:

1. **SQL**

* *How do grades differ between students who drop out and those who graduate?*
  + -- mean -- dropout < enrolled < Graduate
  + -- standard deviation -- graduate < enrolled < dropout
  + -- higher devation means more dispersion of the data from the mean -- which in this particular case might represent simple as well as dropout because of family matters
  + -- variance -- graduate < enrolled < dropout
* What’s the relationship between parental qualifications and student success?
  + -- for graduates
  + -- top five 27,14,1,28,3
  + -- bottom five 32,18,21,30,33
  + -- for dropouts
  + -- top five 27,1,14,28,3
  + -- bottom five 19,23,13,22,31
* Do scholarship holders have a higher graduation rate?
  + Yes. As the scholarship holders have higher graduation rate up to 76% while ,no scholarship students have graduation rate of 41.5%.
* Are dropout rates higher during years of high unemployment or inflation?
* How does marital status at enrollment affect dropout or success rates?
  + Well, as the data showed the graduation rate is higher than dropout rate with marital status being 1.
* How do international students with low parental education perform compared to locals with high parental education?
  + Locals with higher parent qualification have higher graduation,enrollment and dropout rates, however international students with lower parental qualification have higher avg grades for both semesters for enrolled and graduates, and lower avg for dropouts compared to locals.

1. **Python**
   * How does GPA (or academic performance) relate to dropout or graduation?
   * Does gender affect dropout rates?
   * Are students with unpaid tuition fees more likely to drop out?
   * Scholarship Status vs Student Outcome
2. **ML Sk-learn PY**
   * KNN, Naïve bayes, Logistic regression
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