Coursera Course Dataset

Top 10 organizations which provides courses

Organization	Count
University of Virginia	19
University of California, Davis	21
IBM	22
University of Illinois at Urbana-Champaign	22
University of California, Irvine	27
Johns Hopkins University	28
Duke University	28
Google Cloud	34
University of Michigan	41
University of Pennsylvania	59
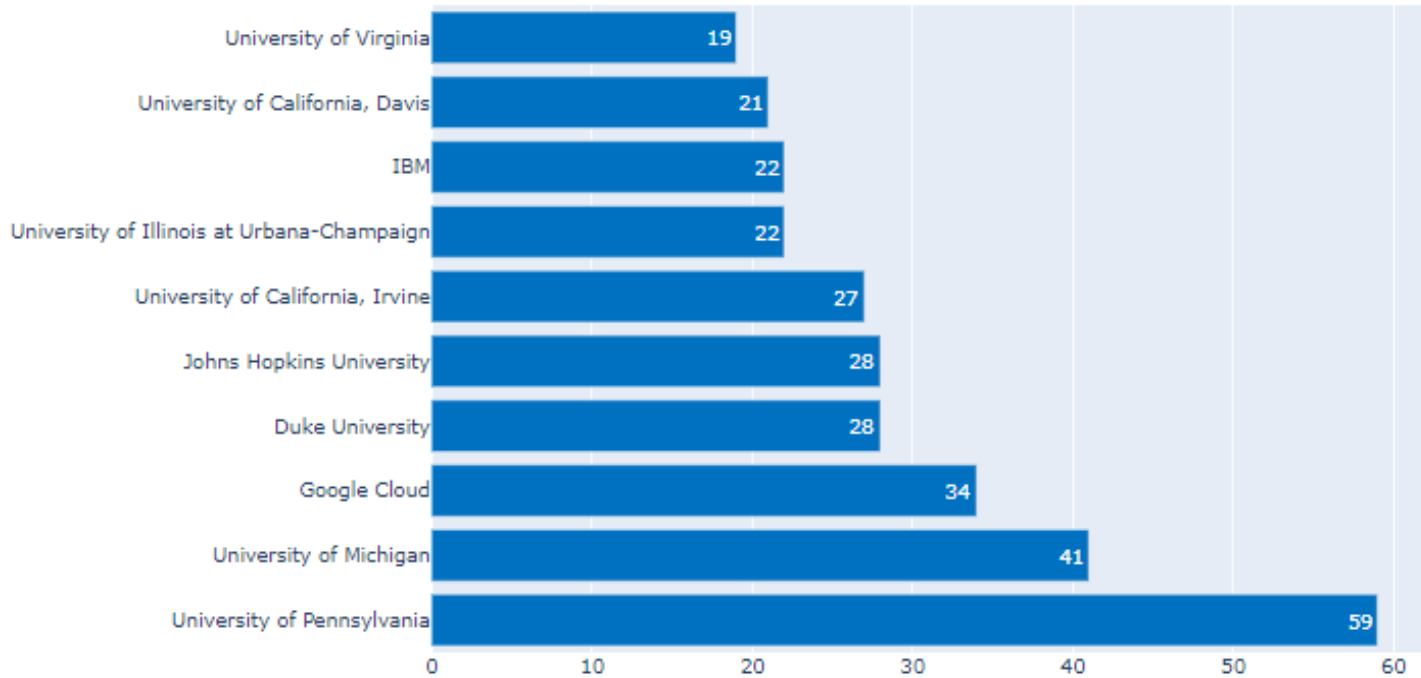
Observation: The most organization provides courses is University of Pennsylvania
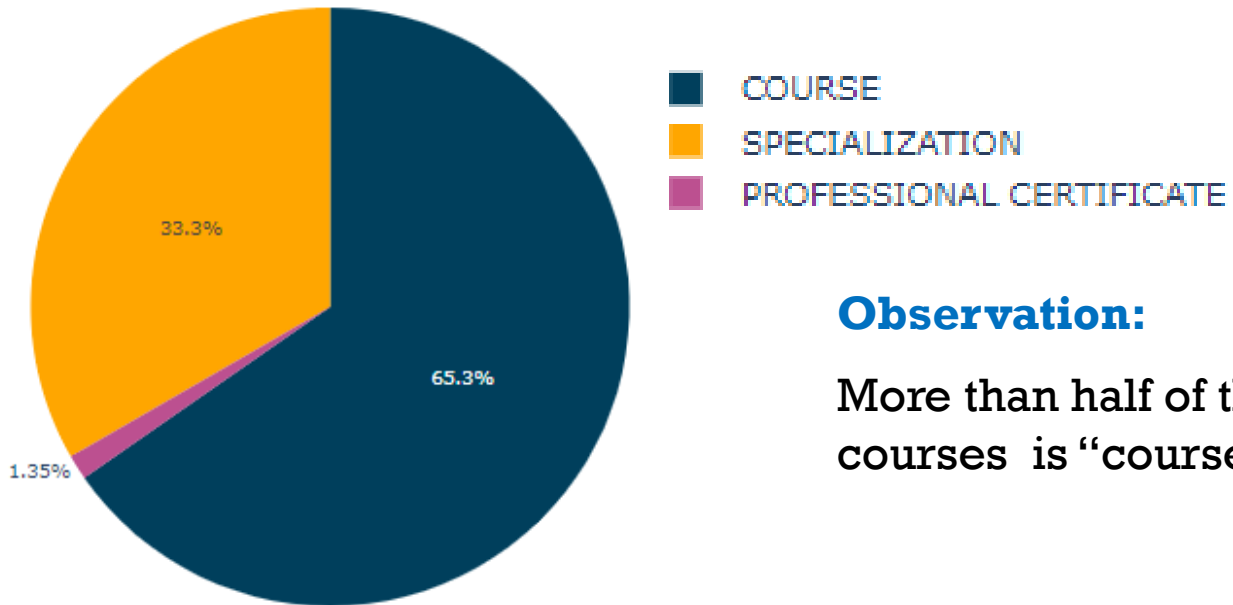
The distribution of courses rate
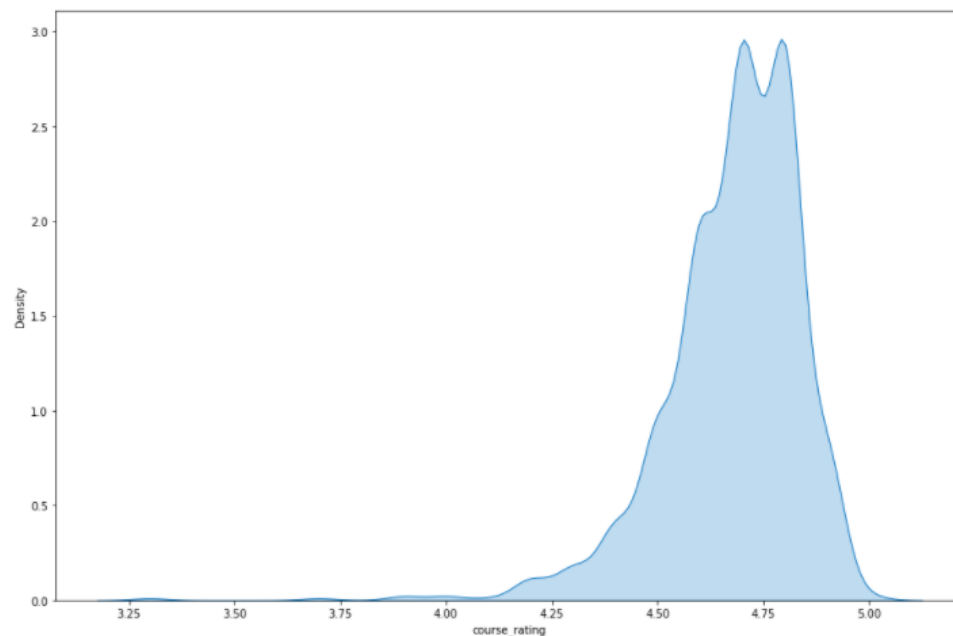
Observation: The most common rate of courses is about 4.75
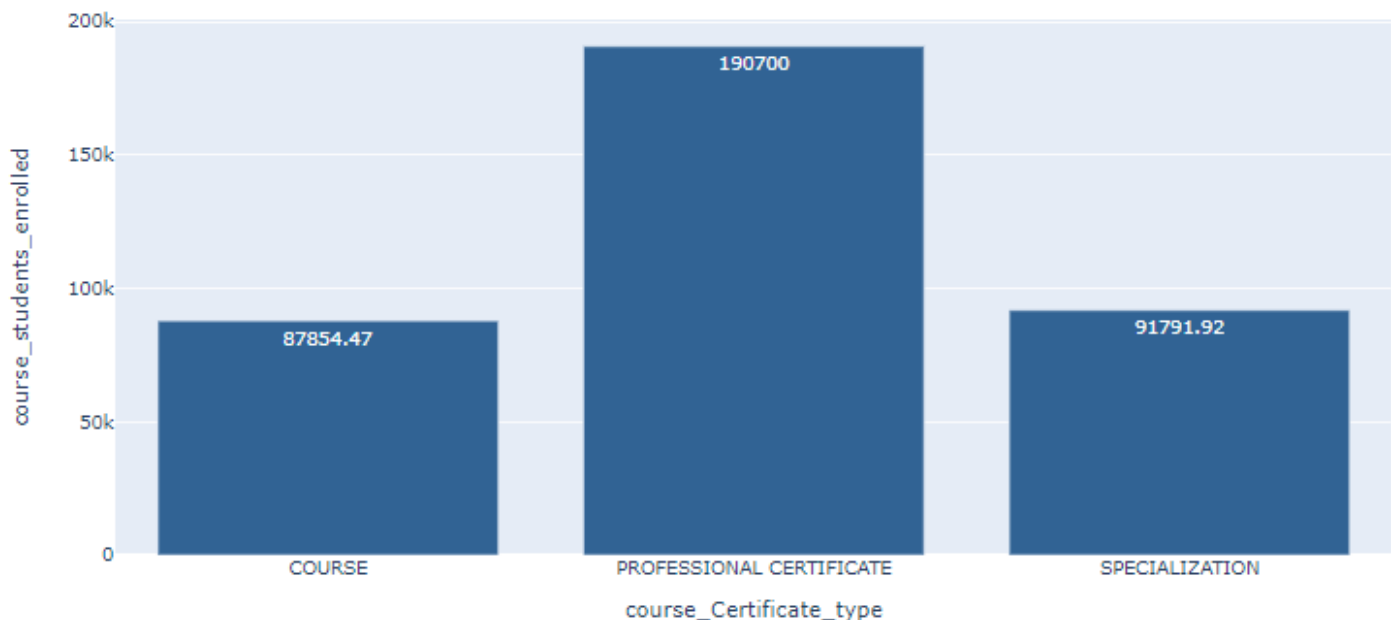
Coursera Course Dataset

Proportion of certificates types

Legend:
- COURSE
- SPECIALIZATION
- PROFESSIONAL CERTIFICATE

33.3%
65.3%
1.35%

Observation:

More than half of the courses is "courses"

The effect of the type of certificate on the number of students enrolled

190700

87854.47

91791.92

course_students_enrolled

COURSE   PROFESSIONAL CERTIFICATE   SPECIALIZATION
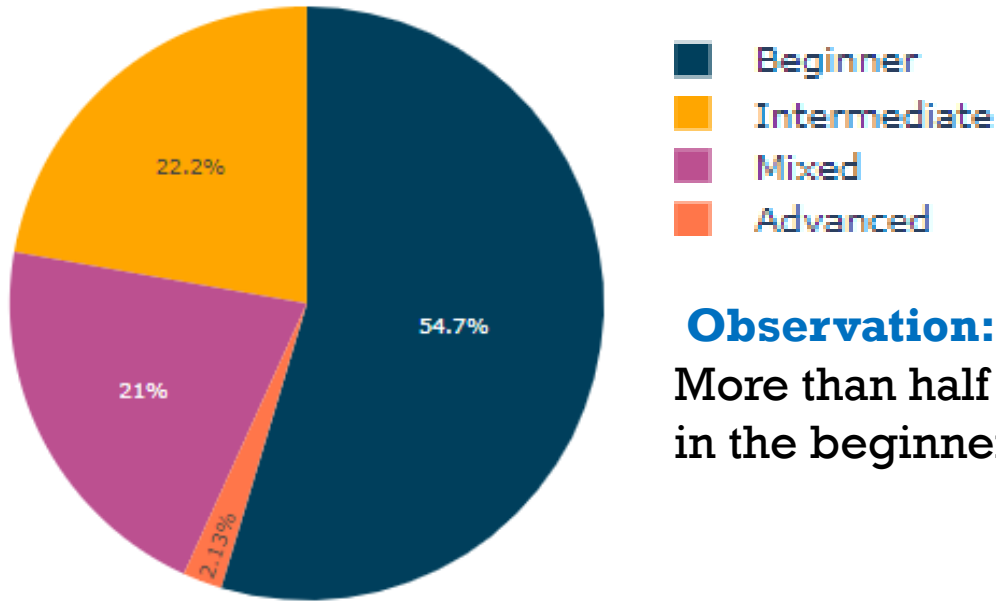
course_Certificate_type

Observation: Although the results of the pervious chart people enroll more in the courses with a professional certificate not only a normal course
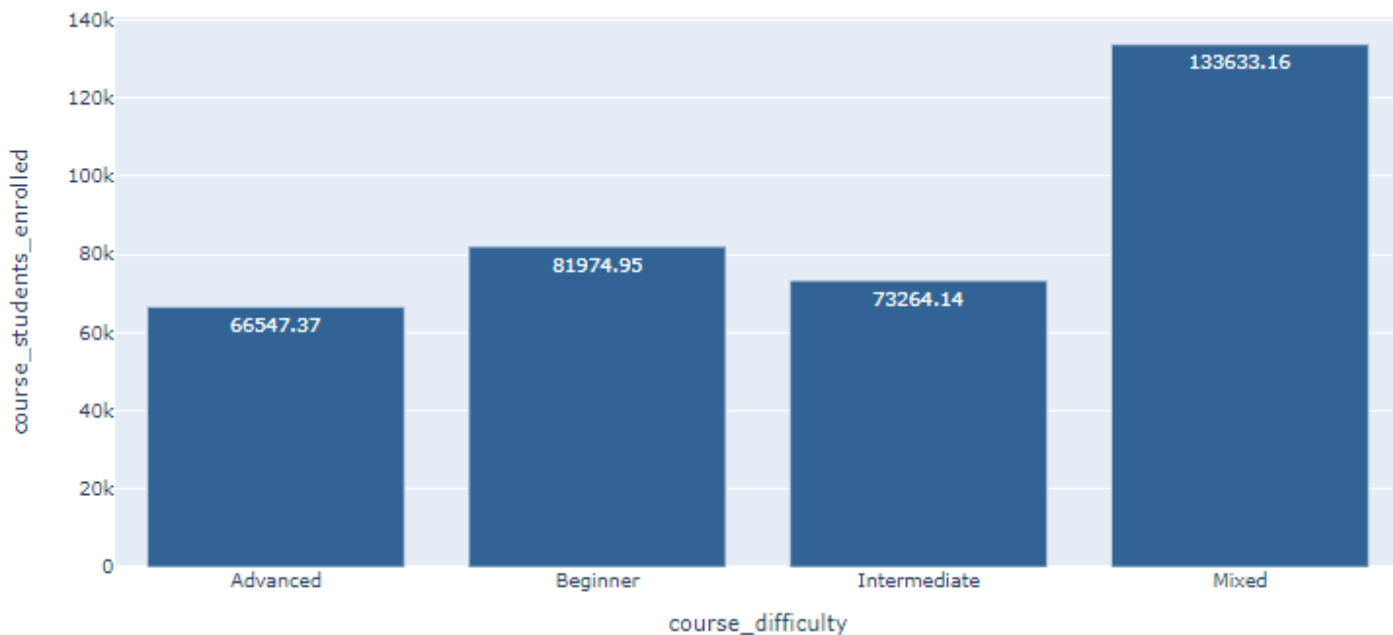
Coursera Course Dataset

• Proportion of courses difficulties

Legend:
- Beginner
- Intermediate
- Mixed
- Advanced

Pie chart values: 54.7%, 22.2%, 21%, 2.13%

Observation:
More than half of the courses is in the beginner difficulty

• The effect of the difficulty of the courses on the number of students enrolled

Bar chart (course_students_enrolled vs course_difficulty):
- Advanced: 66547.37
- Beginner: 81974.95
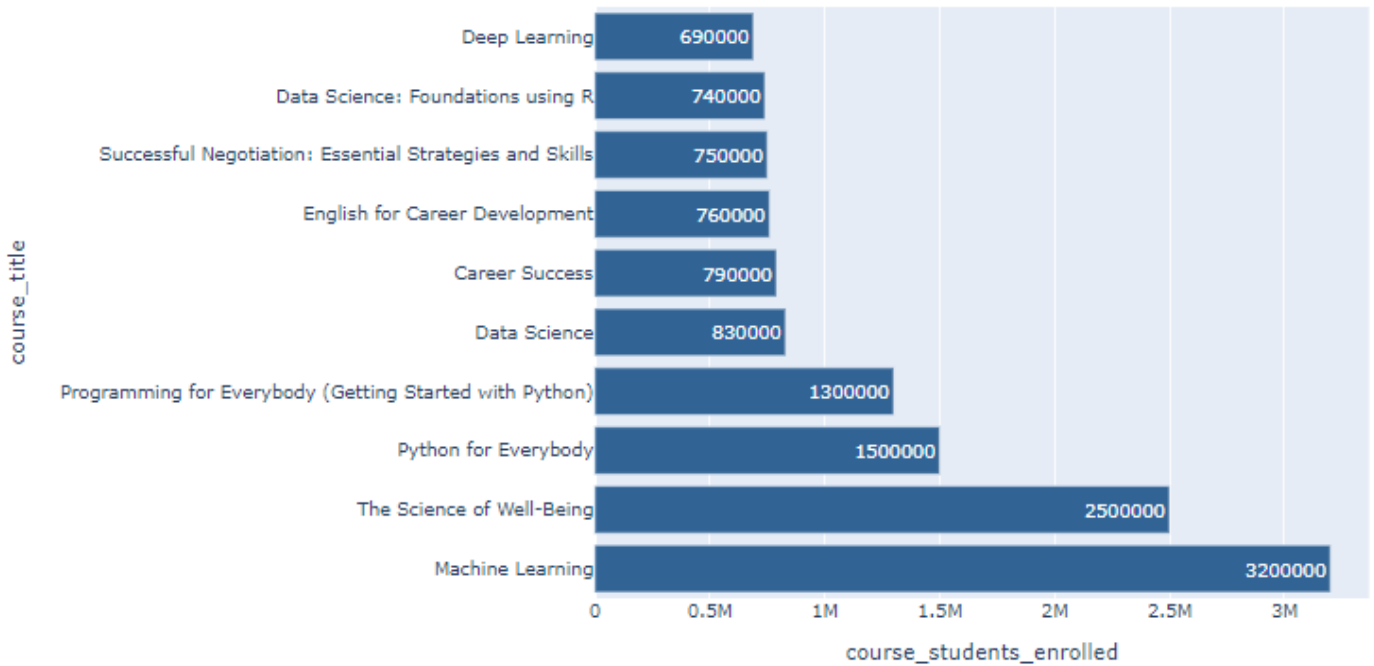- Intermediate: 73264.14
- Mixed: 133633.16

Observation: People enroll more in the mixed difficulty courses
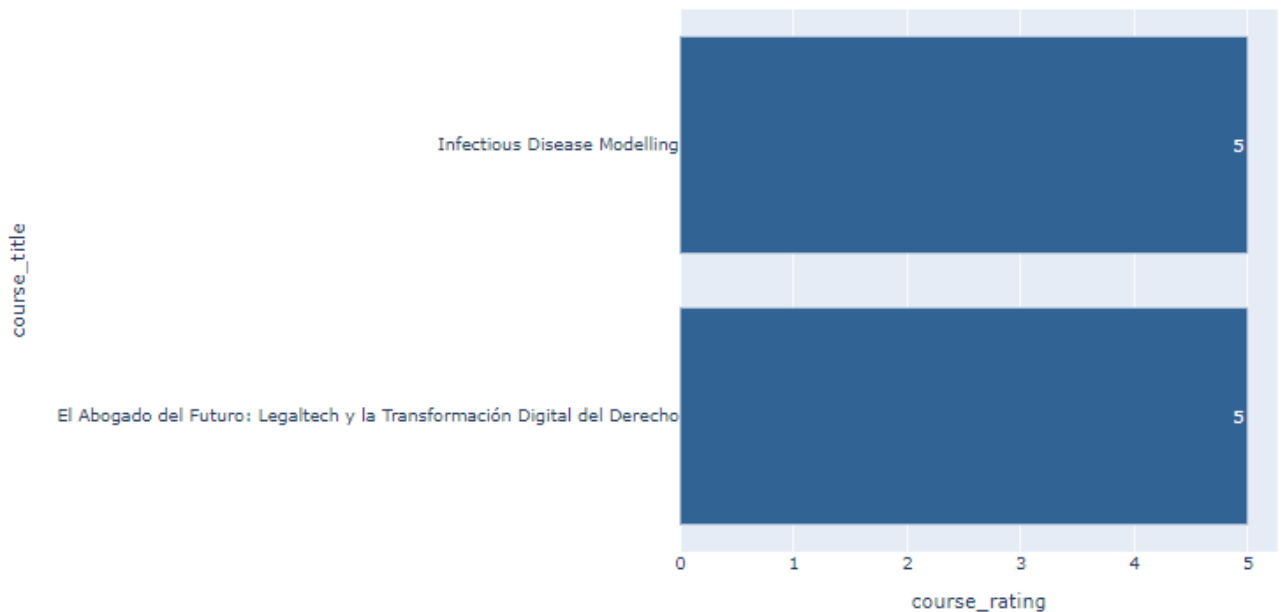
Coursera Course Dataset

•Top 10 courses according to enrollment

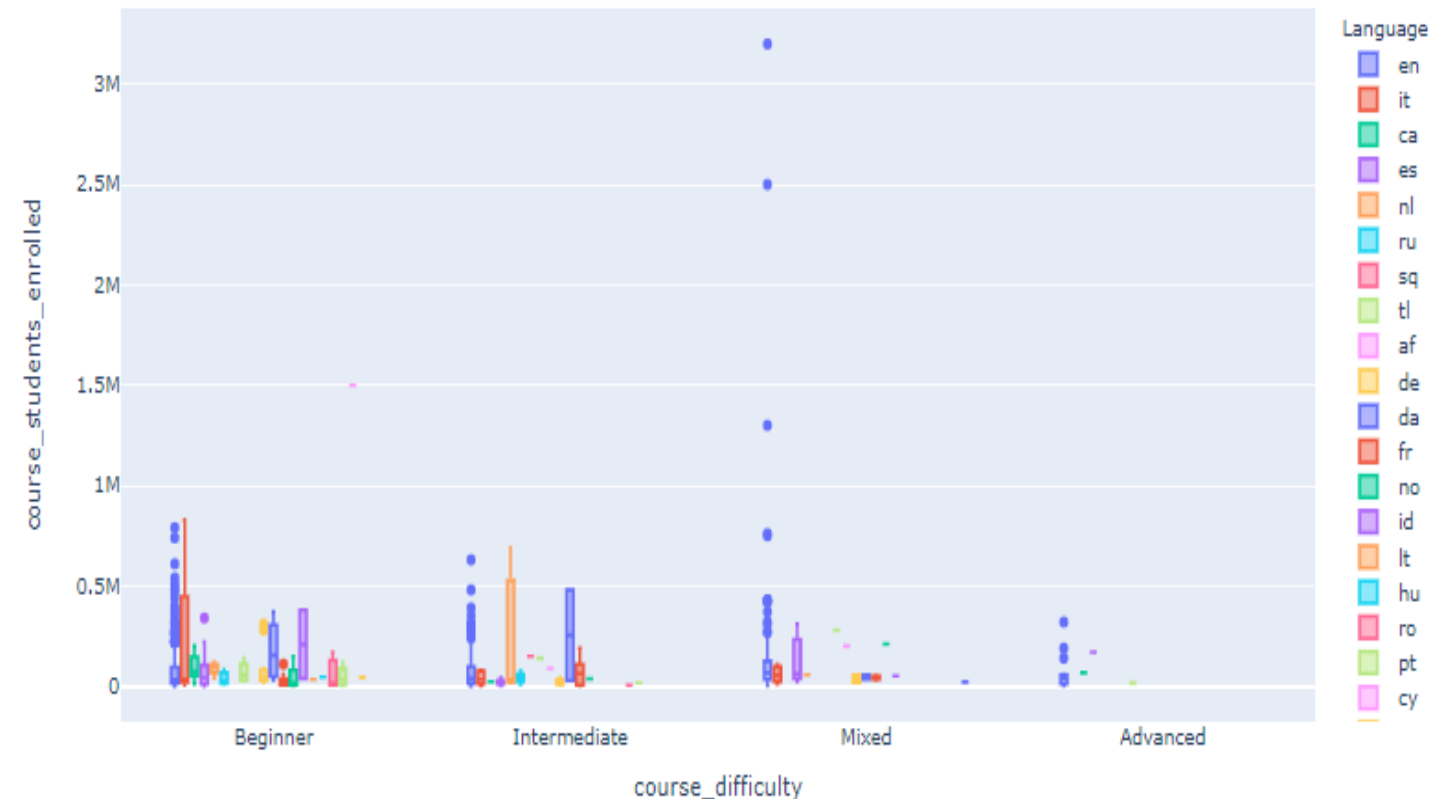**Observation:** More than 3 million enroll in the machine learning coarse

•The courses which have rating 5

Coursera Course Dataset

• The relation between course difficulty , enrollment & languages

Observation:

- The courses with the Italian language have high enrollment in the beginner courses
- The courses with the Dutch language have high enrollment in the intermediate courses
- Almost all of the advanced courses is in English